



# **UNIVERSITY OF THE PHILIPPINES BAGUIO**

*2022 Accomplishment Report*



# Executive Summary

The elevation of then UP College Baguio as a constituent university was recognized and acknowledged by the UP Board of Regents on 2 December 2002. As the 7th Constituent Unit (CU) of the University of the Philippines System, year 2022 marks the 20th year of UP Baguio as a constituent university. In its 20th year as a CU, UP Baguio remained true to its vision and mission of being the leading institution of higher learning in Northern Luzon.

The year 2022 marked the gradual reopening of the University after the pandemic and the return of face-to-face activities and classes. In the first half of FY 2022, the University prepared the campus for its reopening by retrofitting classrooms for blended learning and providing stronger WIFI connectivity in identified learning hubs within the colleges. The UPB Crisis Communication Plan and information materials which included guidelines and protocols for communicating on man-made and natural disasters, health issues and others were drafted and approved to ensure a smooth transition to the reopening of the campus. By the first semester of AY 2022-2023, the colleges adopted hybrid teaching and learning which consisted of 50% face-to-face classes and 50% online classes with synchronous and asynchronous activities.

A significant milestone in the history of the University was the accreditation of two courses by the AUN - QA (ASEAN University Network - Quality Assurance) Programme. In the College of Science, the Department of Mathematics and Computer Science (DMCS) went high gear in preparation for the actual online external assessment of its BS Mathematics program following the AUN QA framework. On 29 August to 2 September 2022, the BS Mathematics program was assessed and was evaluated to be adequate. In the College of Social Sciences, the Institute of Management completed the Self-Assessment Report (SAR) of the BS Management Economics program; the program was assessed online on 29 August to 2 September 2022 and also passed the AUN-QA assessment. For other undergraduate programs of the University, the departments conducted several workshops and brainstorming sessions to finalize their Self-Assessment Reports with funding from the Academic Program Improvement (API) grant.

At the graduate level, the MA History program officially admitted its first batch of graduate students in the first semester, AY 2022-2023. With the addition of this program, the University now offers 6 graduate programs at the master's level, of which 3 are offered by the College of Social Sciences.

The University also received 7 new faculty items which were distributed to the three Colleges. The addition of these new items increased the plantilla faculty positions by 6.54% and enabled the Colleges to meet the growing demand for course offerings.

For the first time since the COVID-19 pandemic, the 2022 Commencement Exercises was conducted on an in-person mode at the Baguio Convention Center. While the University held a virtual graduation for the past two years, the graduates from AY 2019-2020 and 2020-2021 were also asked to attend the physical Commencement Exercises. A total of 446 graduates representing graduates for three years, i.e., AY 2020, 2021, and 2022 participated in the Commencement Exercises.

Completed researches increased by 20% in FY 2022 as compared to the previous year. The CS obtained support from various funding agencies in the amount of P38.6M. The number of International Publication Awards (IPA) increased by 17.85%. Under the UP Scientific Productivity System awards, two more faculty members were added to the list of UP Scientists. UP Baguio has 11 UP Scientists in 2022 as compared to 9 in 2021.

Joining the roster of UP Baguio Professor Emeriti, Dr. Priscilla Supnet-Macansantos was conferred as Professor Emeritus by the Board of Regents in its 1376th meeting in November 2022. Dr. Supnet-Macansantos is a full Professor of Mathematics, Department of Mathematics and Computer Science (DMCS), College of Science. As the first Chancellor of the University of the Philippines Baguio, Professor Emeritus (PE) Priscilla Supnet-Macansantos enabled the smooth transition of UP Baguio from a college to a Constituent Unit of the University of the Philippines System. She is also an award-winning poet and among the respected and awarded Mathematician here and abroad. Dr. Supnet-Macansantos is the 4th Professor Emeritus of UP Baguio.

UP Baguio's Corditext research program was one of eight research projects showcased in Agham+Sining: UP Innovation Festival 2022 on 28-29 November 2022 at the University of the Philippines Bonifacio Global Center (BGC). The Agham+Sining celebrated pioneering research projects that merge art, science, and technology across UP constituent units.



UP Baguio's CORDITEXT Staff recognized at the Agham+Sining UP Innovation and Knowledge Festival 2022 held at the University of the Philippines Bonifacio Global City

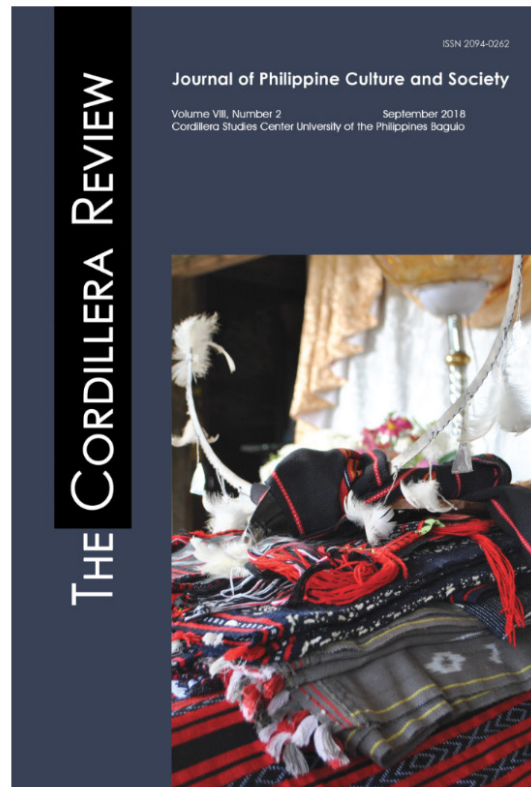




The year 2022 also saw the publication of three issues of the University's academic journal, The Cordillera Review. This included a special issue on death and related topics and a double-issue volume which consisted of articles that provided insights into various aspects of Philippine culture and society, such as the past and present performances of Cordillera culture, indigenous education and the formation of the Vigan heritage charter, among others. All issues released in 2022 are also available online through The Cordillera Review's website.

## THE CORDILLERA REVIEW

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#### Front and Back Matter

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ROSELLA CAMTE-BAHNI

Memory of Death: The Embodiment of Revenge through a Dance Ritual in Ifugao, Philippines

LILYMAE FRANCO-MONTANO

The Cultural Logic of the Kail (Second Burial) Practice

LEARANE K. AMPAGUEY

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Screenshot of the  
Cordillera Review's website



YEAR 2

## MUSEUM MANAGEMENT TRAINING FOR HEIs

March 3 - June 10, 2022  
Level I



Details at:

<https://museokordilyera.upb.edu.ph>

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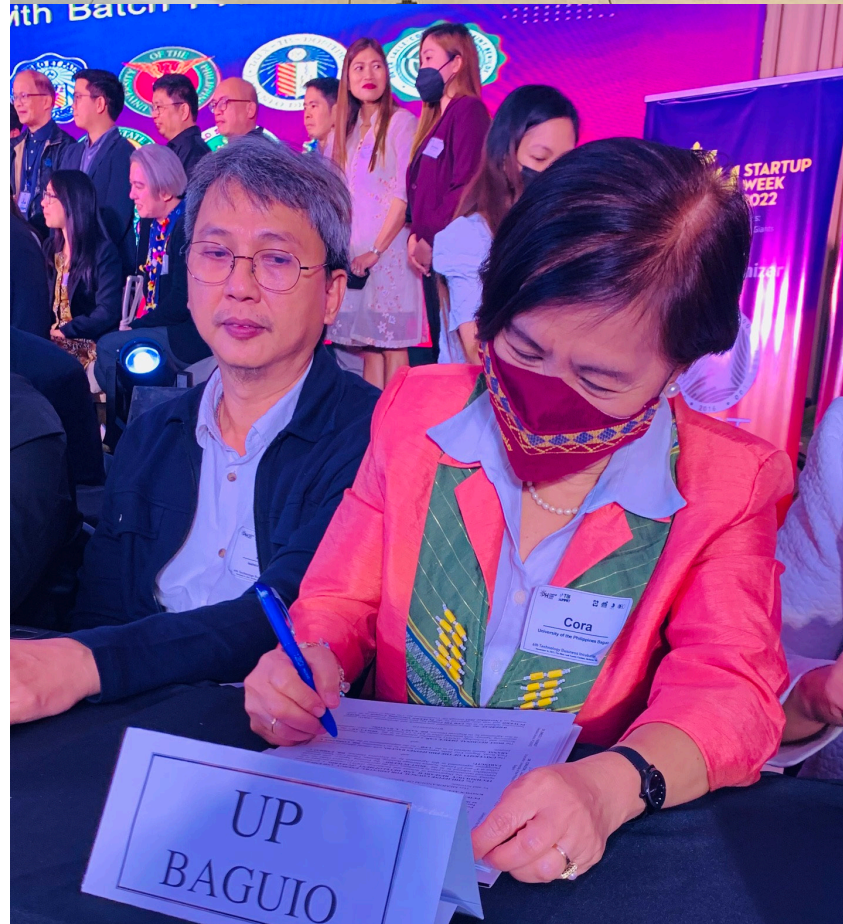
Email: [museokordilyera.upbaguio@up.edu.ph](mailto:museokordilyera.upbaguio@up.edu.ph)



In extension work and public service, the Museo Kordilyera conducted its Museum Management Training Program for HEIs. This training program was organized in collaboration with the Commission on Higher Education and is in its 2nd year of implementation. This training program consisted of 21 training days which were held from March to August 2022 and attended by an average number of 164 participants.



The Social Innovation Laboratory and Business Inclusion (SILBI) Program was developed in 2022. The SILBI is a technology business incubation laboratory for local crafters and creatives. It successfully applied for and received a 14M grant from the Department of Science and Technology - Philippine Council for Industry, Energy, and Emerging Technology Research and Development (DOST-PCIEERD) in November 2022.



The University of the Philippines Baguio Technology Business Incubator Team, Social Innovation Laboratory and Business Inclusion (SILBI) at the MOA and MOU signing of the newly approved project under DOST-PCIEERD at the Blue Leaf Pavillion, McKinley Hill Taguig City.

The UP Baguio Ugnayan ng Pahinungod conceptualized the EDUKaravan, its flagship program, with two main components: teachers' training in pedagogy and content areas, and students' academic improvement in different learning areas. Through this program, the Pahinungod reached four schools, and conducted a total of 21 trainings, seminars, and/or workshops for students and teachers. The EDUKaravan maximizes the time spent by the volunteers in an area through the line-up of activities for the teachers and students.



# EDUKaravan sa SAGPAT

Sagpat Integrated School  
Sagpat, Kibungan, Benguet  
29 Sept - 1 Oct

## MATHEMATICAL INVESTIGATIVE PROJECT

Methods of Proof  
Formulating, Testing, and Proving Conjectures  
Identifying a Mathematical Problem

## SCIENTIFIC INVESTIGATIVE PROJECT

The Research Process  
Science Research Areas  
Ethics in Science Research

## JOURNALISM SKILLS TRAINING

News Writing  
Editorial Writing  
Editorial Cartooning  
Layout Design

# Faculty, Repts and Administrative Personnel Profile



## Investiture of Corazon L. Abansi, PhD

Third Chancellor of the University of the Philippines Baguio

02 December 2022, 10:00 a.m.  
Baguio Convention Center, Baguio City



Finally, the much-delayed investiture of the third Chancellor of UP Baguio was held on 2 December 2022. Dr. Corazon L. Abansi, the third Chancellor of the University of the Philippines Baguio assumed position on 13 April 2021. She has been in office for 20 months and has spearheaded the smooth transition from online teaching and learning to gradual face-to-face and HyFlex teaching modes. The Investiture of Chancellor Corazon L. Abansi was held at the Baguio Convention and Cultural Center. It was attended by the UP President Atty. Danilo L. Concepcion, Vice Presidents and Assistant Vice Presidents of the UP System, members of the UP Board of Regents, Chancellors and Vice Chancellors across UP units, Baguio City Mayor Benjamin Magalong, State University Representatives, and many others. During the investiture, representatives from the different sectors of the University delivered their messages to the Chancellor.

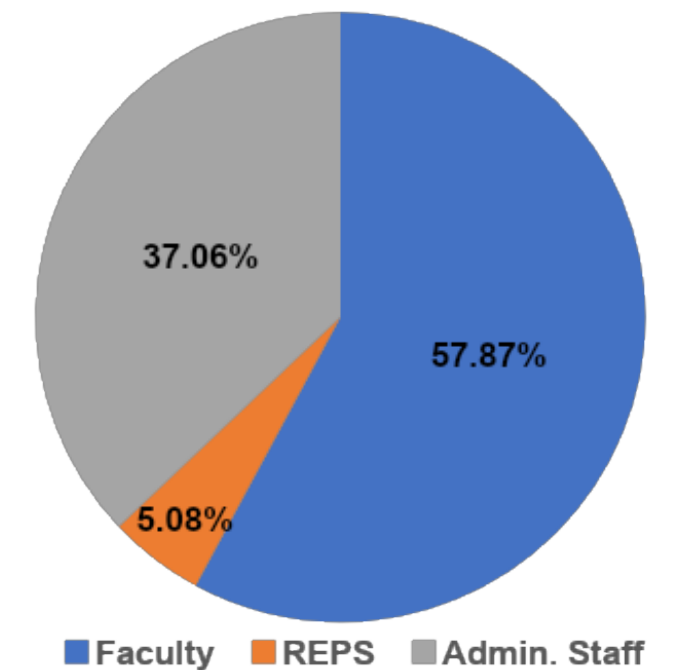
Chancellor Corazon L. Abansi in her speech titled “Forging New and Old Pathways for a Resilient UP Baguio,” stated that “My term will ensure that our value as a university will come from putting people at the center, driving innovation and deploying technology at speed. UPB must be open to reinvent itself by jumping the S curve, to move from maturity stage to growth stage. This openness has to be balanced by the ability to discern and do more, to do better, to go deeper, leading to a constant pursuit of leadership that has service at its heart... We will rely heavily on the collective wisdom and confidence of the UP Baguio community in taking pathways to provide agile responses to our needs. We see a vibrant UP Baguio, passionate and conscientious in delivering its mission in accord with the values of honor, excellence and compassion.”

In the second semester, AY 2021-2022, the University of the Philippines Baguio consisted of 190 regular personnel, as shown in Table 1. In the first semester, AY 2022-2023, the number of regular personnel increased by 3.7% to 197 with the addition of 7 new faculty items. Figure 1 shows that of the 197 regular personnel, 57.87% are faculty; 37.06% are administrative personnel while only 5.08% are REPS (Research, Extension and Professional Services). The faculty: administrative staff ratio also improved from 1.46:1 in 2021 to 1.56:1 as of AY 2022-2023.

Table 1: Number of Regular Personnel

Classification	2nd Sem 2021-2022	1st Sem 2022-2023
Faculty	107	114
REPS	10	10
Admin. Staff	73	73
<b>Total</b>	<b>190</b>	<b>197</b>

Fig. 1: Percentage Distribution of Regular Personnel for the 1st Semester, AY 2022-2023



Non-regular personnel are those who do not occupy plantilla positions. Table 2 shows the number of non-regular personnel for the year in review. The number of lecturers accounted for the relatively high number of non-regular faculty. Faculty on substitute positions and those charged to PS Lump Sum are also considered under non-regular faculty. The non-teaching personnel who are on non-regular status are those on contractual positions.

The number of non-regular personnel totaled 98 in the 2nd semester, AY 2021-2022 but this decreased to only 74 in the first semester, AY 2022-2023. With the addition of 7 faculty items during this semester, the number of lecturers also correspondingly decreased.

Table 2: Number of Non-regular Personnel

Classification	2nd sem 2021-2022	1st Sem 2022-2023
Faculty	86	63
REPS	1	1
Admin. Staff	11	10
<b>Total</b>	<b>98</b>	<b>74</b>

# Faculty Profile

Figure 2 shows the distribution of regular faculty according to college. UP Baguio consists of three colleges which are the College of Arts and Communication (CAC), College of Science (CS) and the College of Social Sciences (CSS). The number of faculty items increased by 6.54% or from 107 in the first half of the year to 114 in the second half of 2022. For both semesters, approximately 41% of the total number of items was allocated to the CS; 35% to the CSS and 24% to the CAC (Figure 2). In the 1st semester, AY 2022-2023, the 7 new faculty items were allocated as follows: CS – 2 items; CSS – 3 items; and CAC – 2 items.

Fig. 2: Distribution of Regular Faculty according to College

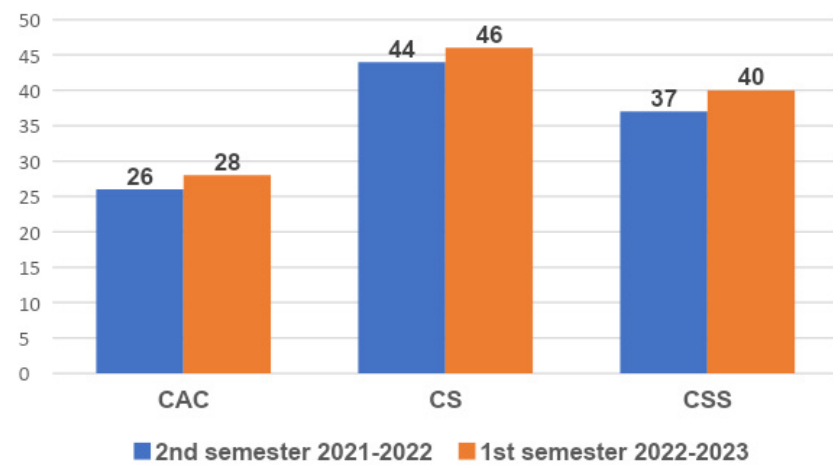


Table 3 shows the classification of faculty according to status, i.e, tenured / permanent or non-tenured / temporary according to colleges for the year 2022. The slight decrease in the number of tenured faculty in the 1st semester, AY 2022-2023 is due to compulsory retirement of senior faculty. For the entire University, there are more faculty who are tenured (61.40%) as compared to faculty on temporary positions (38.60%) as of the second semester, AY 2022-2023 (Fig. 3).

Table 3: Number of Faculty Items per College for FY 2022

Status	CAC		CS		CSS		TOTAL	
	2nd sem 2021-2022	1st sem 2022-2023	2nd sem 2021-2022	1st sem 2022-2023	2nd sem 2021-2022	1st sem 2022-2023	2nd sem 2021-2022	1st sem 2022-2023
Permanent	18	19	30	29	24	22	72	70
Temporary	8	9	14	17	13	18	35	44
<b>Total</b>	<b>26</b>	<b>28</b>	<b>44</b>	<b>46</b>	<b>37</b>	<b>40</b>	<b>107</b>	<b>114</b>

Fig. 3: Distribution of Tenured and Non-tenured Faculty for the 2nd semester, AY 2022-2023

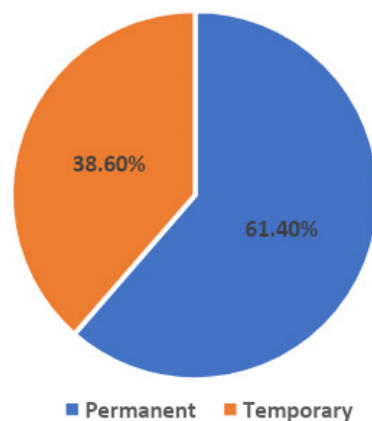


Fig. 4: Average Distribution of Permanent and Temporary Faculty (in %) according to College for FY 2022

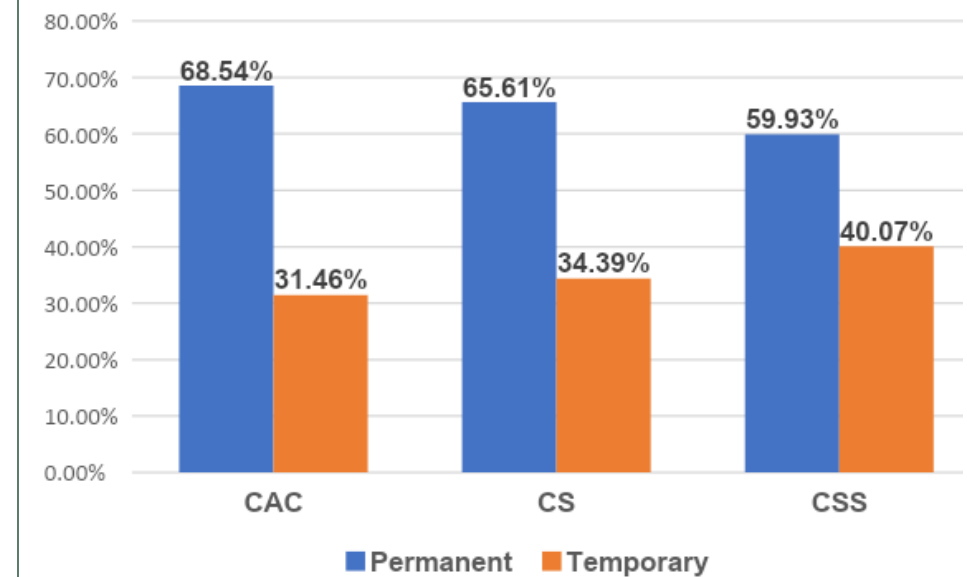


Fig. 4 shows the average distribution of tenured / permanent and non-tenured / temporary faculty in all colleges. The CAC has the highest percentage of tenured faculty at 68.54% while the CSS has the highest percentage of faculty on temporary status at 40.07%.

Figure 5 shows the number of non-regular faculty according to college. The non-regular faculty include the substitutes or faculty who are hired to substitute regular faculty on study fellowships; faculty who are charged against the Personnel Services Lump Sum appropriation (PSLS); and the lecturers. Data shows that there are 9 substitutes in the 2nd semester, AY 2021-2022 as compared to only 7 substitutes in the first semester, AY 2022-2023. The number of faculty charged to PSLS is the same for both semesters (i.e., 12 PSLS) with the CS having the greatest number of PSLS faculty as it offers 4 undergraduate programs as compared to the other two colleges which offer only 2 undergraduate programs. The number of lecturers in the 2nd semester, 2021-2022 totaled 86 but with the addition of 7 faculty items, the number of lecturers in the first semester, AY 2022-2023 significantly decreased to only 63. The highest number of lecturers is also found in the CS.

Fig. 5: Number of Non-regular Faculty in all Colleges

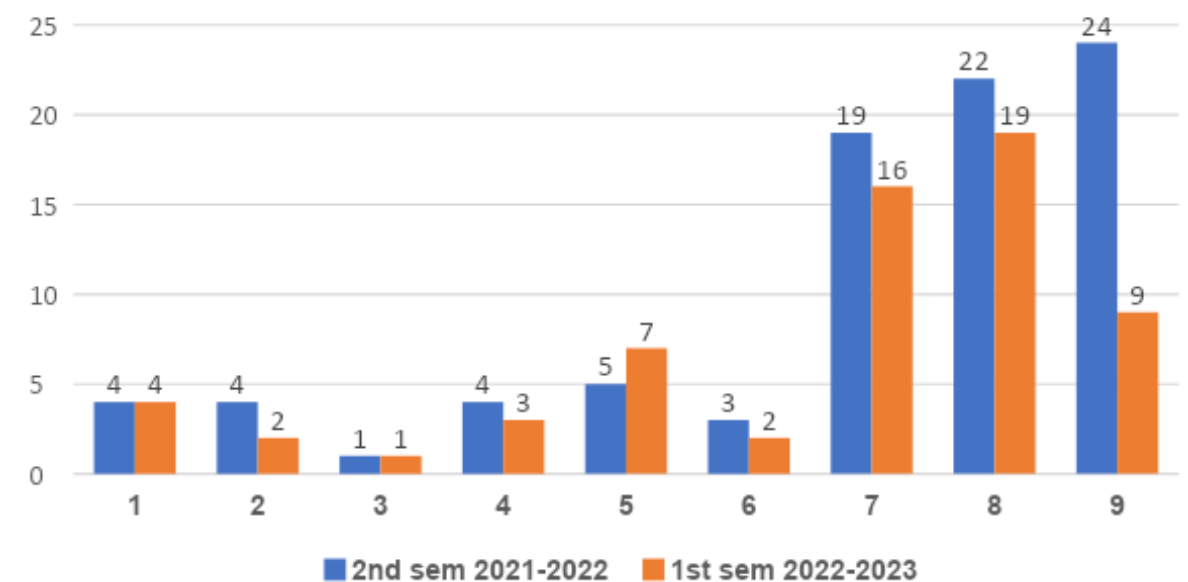




Fig. 6: Average Distribution of Faculty according to Degree

According to educational attainment, the mean distribution of faculty on regular and non-regular positions (except lecturers) for the University is shown in Fig. 6. About 77% of faculty have already earned their advanced degrees; 32.18% are Ph.D. degree holders while 45.21% are MA / MS degree holders. Only 22.61% of all faculty are BS/BA degree holders.

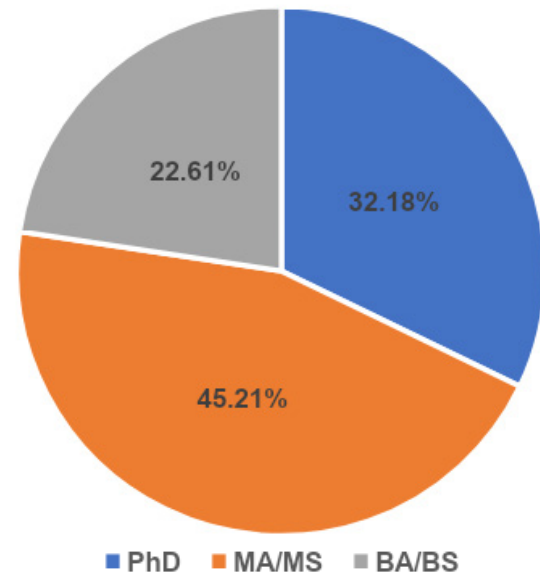


Table 4 shows the distribution of regular and non-regular faculty according to degrees earned per college. Most of the faculty have earned their advanced degrees at the master's or PhD level. The CS has the highest mean percentage of faculty with Ph.D. degrees at 40% and also the lowest number of faculty with baccalaureate degrees (19%) among the three colleges as seen in Fig. 7. The highest percentage (32%) of faculty who have bachelor's degrees is found in the CAC.

Table 4: Number of faculty according to educational attainment per college

Degree	CAC		CS		CSS		TOTAL	
	2nd sem 2021-2022	1st sem 2022-2023	2nd sem 2021-2022	1st sem 2022-2023	2nd sem 2021-2022	1st sem 2022-2023	2nd sem 2021-2022	1st sem 2022-2023
PhD	7	7	22	21	14	14	43	41
MA/MS	17	16	21	23	19	19	57	61
BA/BS	10	12	10	10	8	8	28	31
<b>TOTAL</b>	<b>34</b>	<b>35</b>	<b>53</b>	<b>54</b>	<b>41</b>	<b>41</b>	<b>128</b>	<b>133</b>

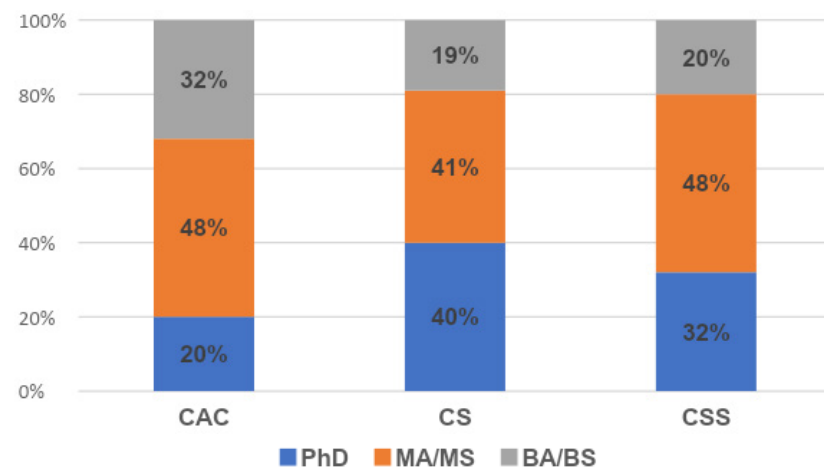
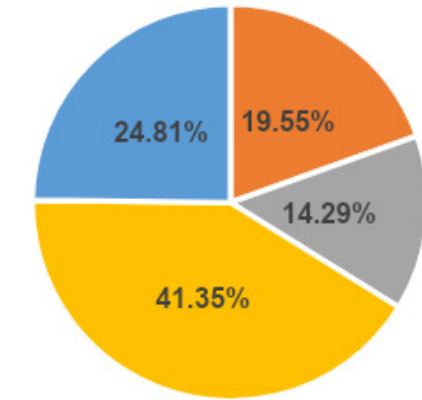


Fig 7: Average Distribution of Faculty (%) according to Degrees Earned per College



Fig. 8: Classification of Faculty according to Rank as of 1st semester, AY 2022-2023

The classification in percentage of all faculty according to rank in the University as of the second half of FY 2022 is shown in Fig. 8. 41.35% of faculty carry the rank of Assistant Professor while only 19.55% of faculty belong to Professor rank. Associate Professors number the least for this period.



■ Professor ■ Associate Professor ■ Assistant Professor ■ Instructor

Table 5 shows a comparison of the faculty profile according to rank between FY 2022 and 2021 in percentage. The data shows that there was a decrease in the number of professors from 26.64% in 2022 to 19.55% due to the compulsory retirement of senior faculty. The same can also be observed for the rank of Associate Professor while the number of Assistant Professors remained relatively the same. Conversely, the number of Instructors increased from 14.02% in 2021 to 24.81% in 2022.

Table 5: Distribution of Faculty according to Rank for 2021 and 2022

	FY 2022	FY 2021
Professor	19.55%	26.64%
Associate Professor	14.29%	18.22%
Assistant Professor	41.35%	41.12%
<b>Instructor</b>	<b>24.81%</b>	<b>14.02%</b>



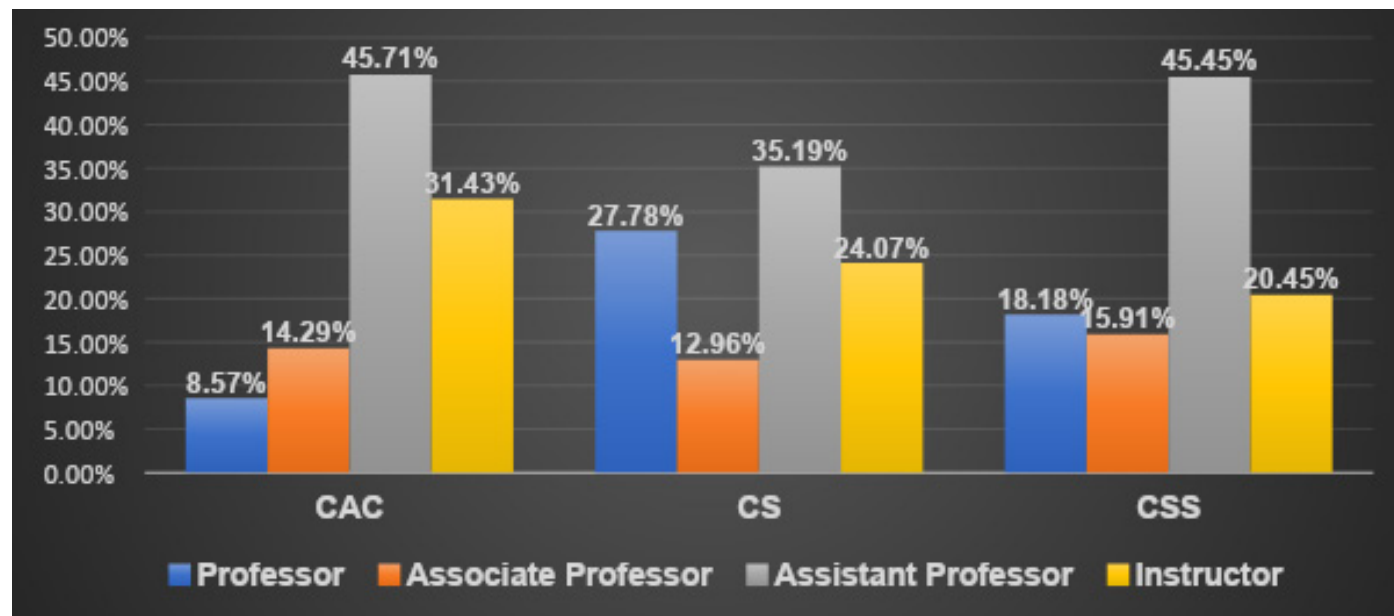


Table 6 shows the number of faculty according to rank in the three colleges while Fig. 9 shows the distribution of faculty per college according to rank (in percentages) as of the first semester, AY 2022-2023. The data shows that the CS has the greatest number of Professors at 27.78% as compared to the CAC and the CSS at 8.57% and 18.18%, respectively. This trend is consistent with the data on educational attainment of faculty where data shows that the highest number of faculty with Ph.D. degrees belong to the CS. The highest percentage of Associate Professors and Instructors is found in the CAC. For all colleges, the faculty complement consists mostly of Assistant Professors.

Table 6: Number of Faculty according to Rank in all Colleges for FY 2022

Rank	CAC		CS		CSS		TOTAL	
	2nd sem 2021-2022	1st sem 2022-2023	2nd sem 2021-2022	1st sem 2022-2023	2nd sem 2021-2022	1st sem 2022-2023	2nd sem 2021-2022	1st sem 2022-2023
Professor	4	3	16	15	9	8	29	26
Associate Professor	5	5	6	7	8	7	19	19
Assistant Professor	15	16	19	19	17	20	51	55
Instructor	10	11	12	13	7	9	29	33
<b>TOTAL</b>	<b>34</b>	<b>35</b>	<b>53</b>	<b>54</b>	<b>41</b>	<b>44</b>	<b>128</b>	<b>133</b>

Fig. 9: Classification of Faculty according to rank in the Colleges as of the 1st semester, AY 2022-2023



The University also has an aggressive Faculty Development Plan as it supports the advanced studies of its faculty, as seen in Table 7. A total of 11 faculty members were on study leave for the 2nd semester, AY 2021-2022 or about 10% of the total faculty complement of the University. Of the 11 faculty on study leave, 6 are on foreign fellowships; 9 faculty members are pursuing their PhD degrees while only 2 are on master's fellowships. For the 1st semester, AY 2022-2023, the number of faculty fellows increased to 14 or 12.28% of the total faculty complement of the University. The number of local fellows increased in the second half of the year to 8 from only 5 in the previous semester. The CAC had the most number of faculty fellows for both semesters. There were two returning fellows in 2022 who earned their PhD degrees, one of whom was on foreign fellowship.

Table 7: Number of Faculty on Study Fellowships in all Colleges

Degree	2nd Sem 2021-2022				1st Sem 2022-2023			
	CAC	CS	CSS	TOTAL	CAC	CS	CSS	TOTAL
Local								
PhD	2	2		4	2	2	1	5
MA/MS	1			1	1		2	3
Foreign								
PhD	3		2	5	3		2	5
MA/MS		1		1		1		1
<b>Total</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>11</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>14</b>



Congratulations to our newest PhD in Politics and International Relations, Prof. Mai Peñalba!



The non-teaching personnel consists of the REPS and the administrative personnel who provide valuable support services to the University. As of the first semester AY 2022-2023, there were 83 regular non-teaching staff and only 11 non-regular personnel (Fig. 10).

There are ten regular REPS personnel in the University, consisting of 3 Guidance Services Specialists who man the Office of Counseling and Guidance; 2 University Research Associates who are detailed in the Cordillera Studies Center; and 5 College Librarians who supervise operations of the University Library. On the other hand, there are 83 administrative personnel in the University, consisting of 73 regular and permanent personnel and 10 personnel on contractual status.

Fig. 10: Number of Regular and Non-regular Non-teaching Personnel as of 1st semester, AY 2022-2023

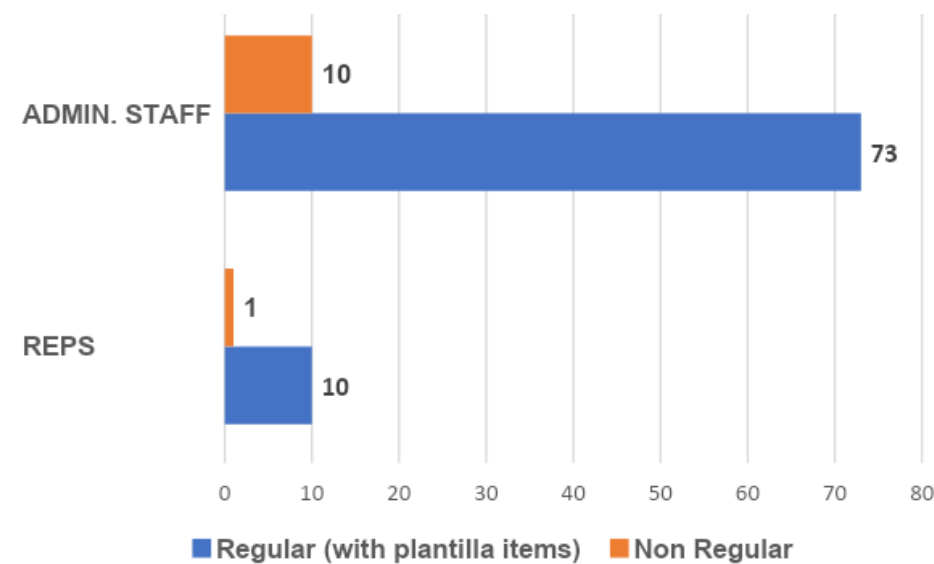


Fig. 11: Educational Background of Regular Non-teaching Personnel

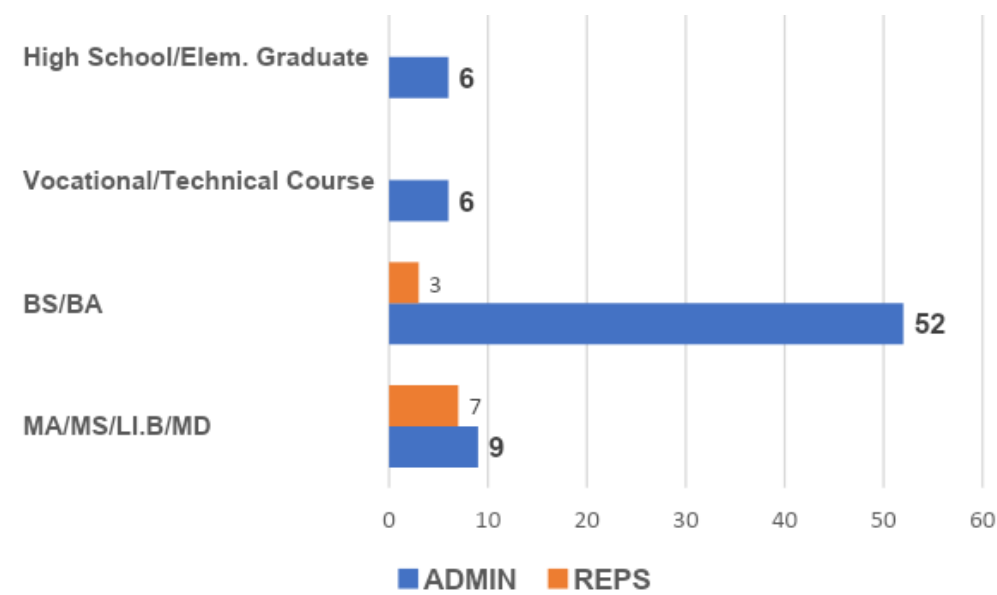


Fig. 11 shows the educational background of the regular non-teaching personnel. For the REPS sector, 70% are MS / MA graduates and 30% are bachelor's degree holders. For the administrative personnel, only 12.32% have earned advanced degrees while majority or 71.23% are BA/BS degree holders. An administrative personnel also completed his Master of Management degree in 2022.

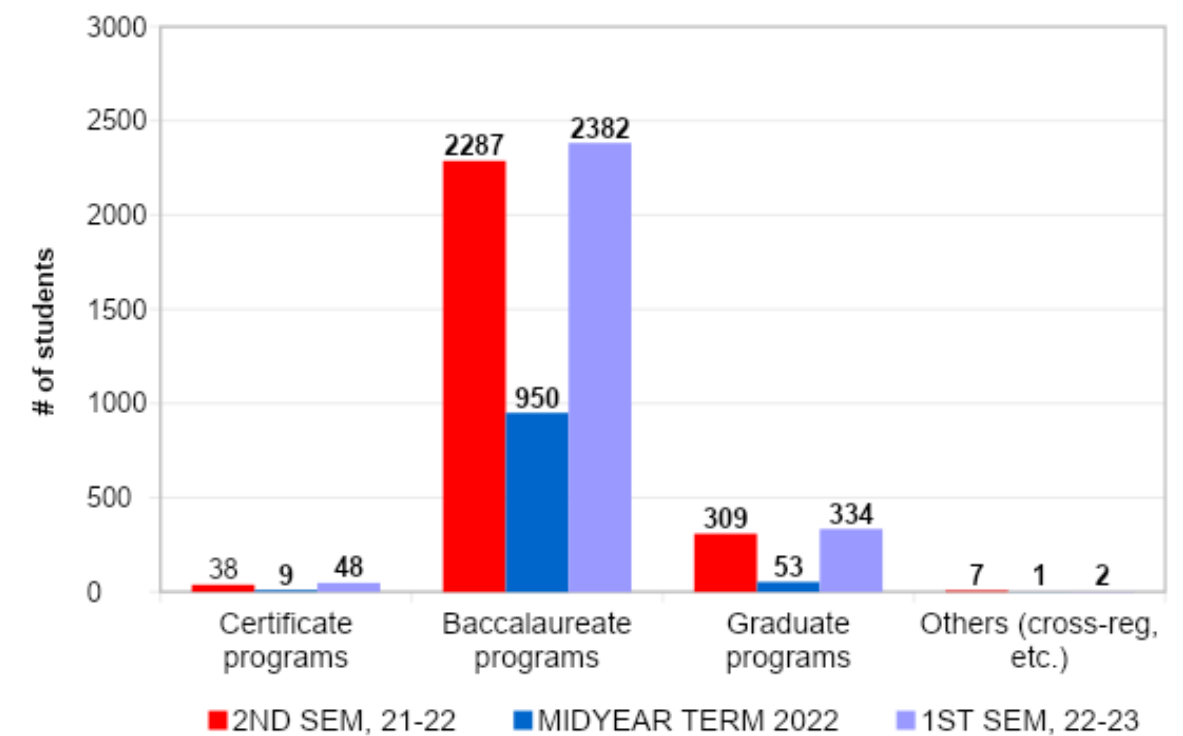
The University of the Philippines Baguio recorded a total enrollment of 2641 for the second semester, AY 2021-2022 (January – June) and 2766 for the first semester, AY 2022-2023 (September – December), as shown in Table 8. This is a slight increase of 4.73% in student population between the two semesters.

Table 8: Total Enrollment in all Programs for FY 2022

PROGRAMS	2ND SEM, 2021-2022	MIDYEAR 2022	1ST SEM, 2022-2023
Certificate programs	38	9	48
Baccalaureate programs	2287	950	2382
Graduate programs	309	53	334
Others (cross-reg, etc.)	7	1	2
<b>Total</b>	<b>2641</b>	<b>1013</b>	<b>2766</b>

As of AY 2022-2023, 87.85% of the total student population were undergraduate students while only 12.07% were students at the graduate level. Slight increases in undergraduate and graduate students were observed in 2022. The number of undergraduate students increased by 4.52% between the two semesters. At the graduate level, an 8.09% increase in enrollment was observed as seen in Figure 12.

Fig. 12: Enrollment According to Programs



# Undergraduate Student Population

The University offers 1 certificate course and 9 baccalaureate programs. The College of Arts and Communication (CAC) offers the following programs: Certificate in Fine Arts, Bachelor of Fine Arts, Bachelor of Arts in Communication with three specializations (Broadcast Communication, Speech Communication and Journalism), and the Bachelor of Arts of Language and Literature. The College of Science (CS) offers the following: Bachelor of Science in Biology with three tracks (General Biology, Microbiology, and Ecology); Bachelor of Science in Computer Science; Bachelor of Science in Mathematics and Bachelor of Science in Physics. The College of Social Sciences (CSS) offers the Bachelor of Arts in Social Sciences with major in Economics, Anthropology and History, and the Bachelor of Science in Management Economics.

Table 9 shows the distribution of first year students according to academic program. For AY 2022-2023, the University reduced its first year quota to enable it to keep within its carrying capacity. Hence a decrease of 10.9% was observed in freshmen enrollment for this academic year as compared to AY 2021-2022. The BA Social Sciences program recorded the highest number of first year students, followed by the BS Biology and the BA Communication programs (Figure 13).

Table 9. Freshmen Enrollment by Degree Program

DEGREE PROGRAMS	2ND SEM, 2021-2022	MIDYEAR 2022	1ST SEM, 2022-2023
BA COMM	99	26	74
BA LL	52	17	49
BA SS	168	43	160
BFA	7	0	12
BS BIO	110	67	87
BS COM SCI	52	17	47
BS MATH	59	15	53
BS MGMT ECON	34	15	37
BS PHYSICS	42	20	33
CERT FA	14	0	15
<b>Total</b>	<b>637</b>	<b>220</b>	<b>567</b>

Fig. 13: Freshmen Enrollment by Degree Program

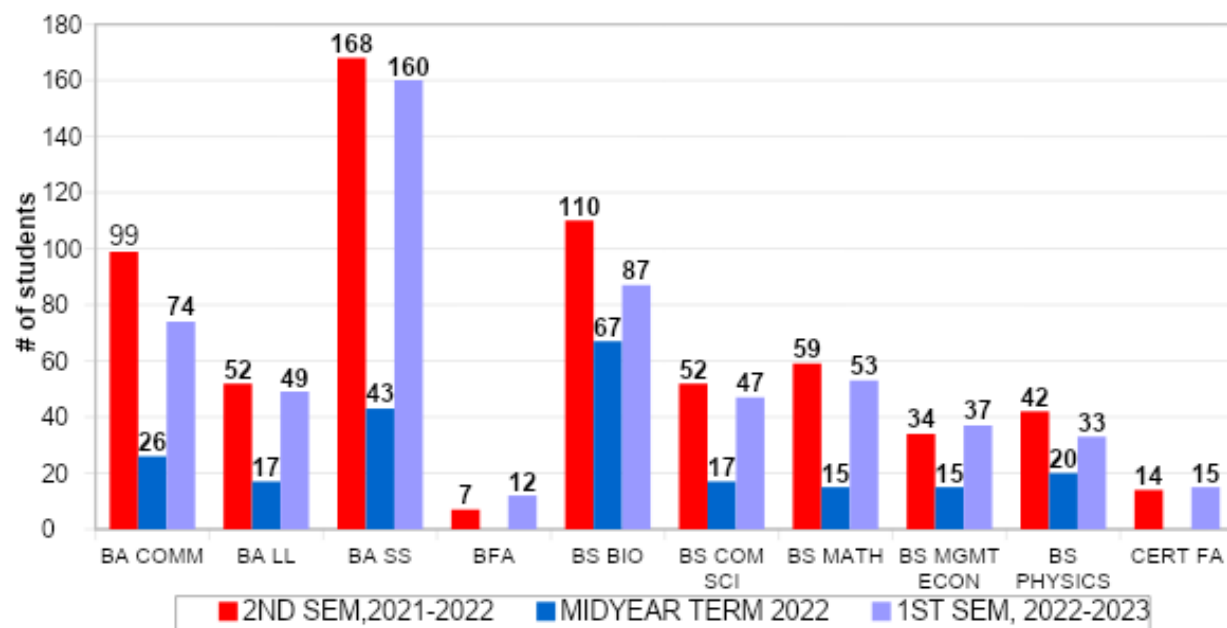
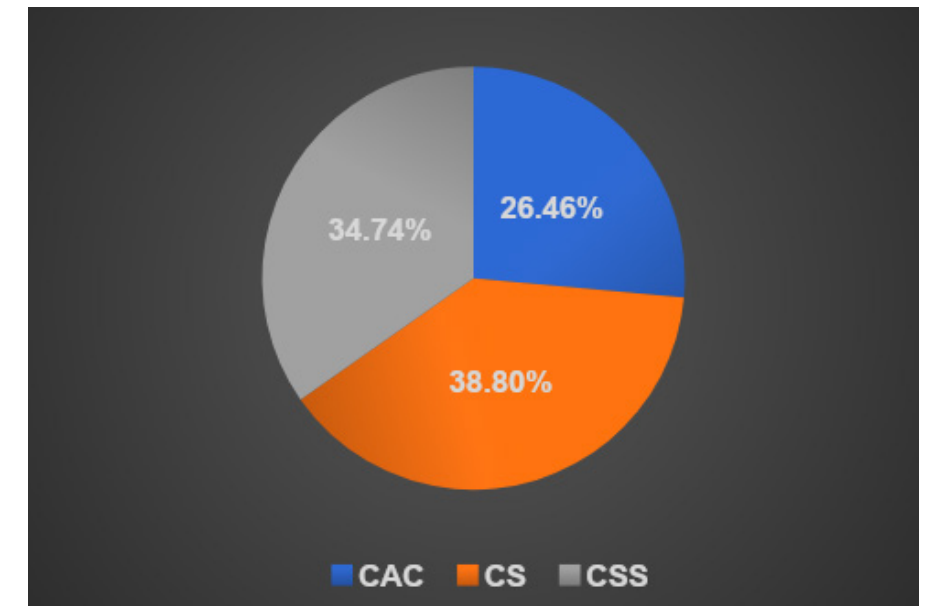


Fig. 14: Distribution of first year students according to College



The distribution of first year students according to college is shown in Figure 14. The CS admitted the highest number of first year students at 38.80%; the CSS came in second at 34.74% while freshies at the CAC comprised only 26.46% of the first year student population.

The total enrollment per academic program is shown in Table 10. While there was a slight reduction in first year enrollment, the total student population at the undergraduate level increased from 2325 in the second semester, AY 2021-2022 to 2430 in the first semester, AY 2022-2023. This represents an increase of 4.5%.

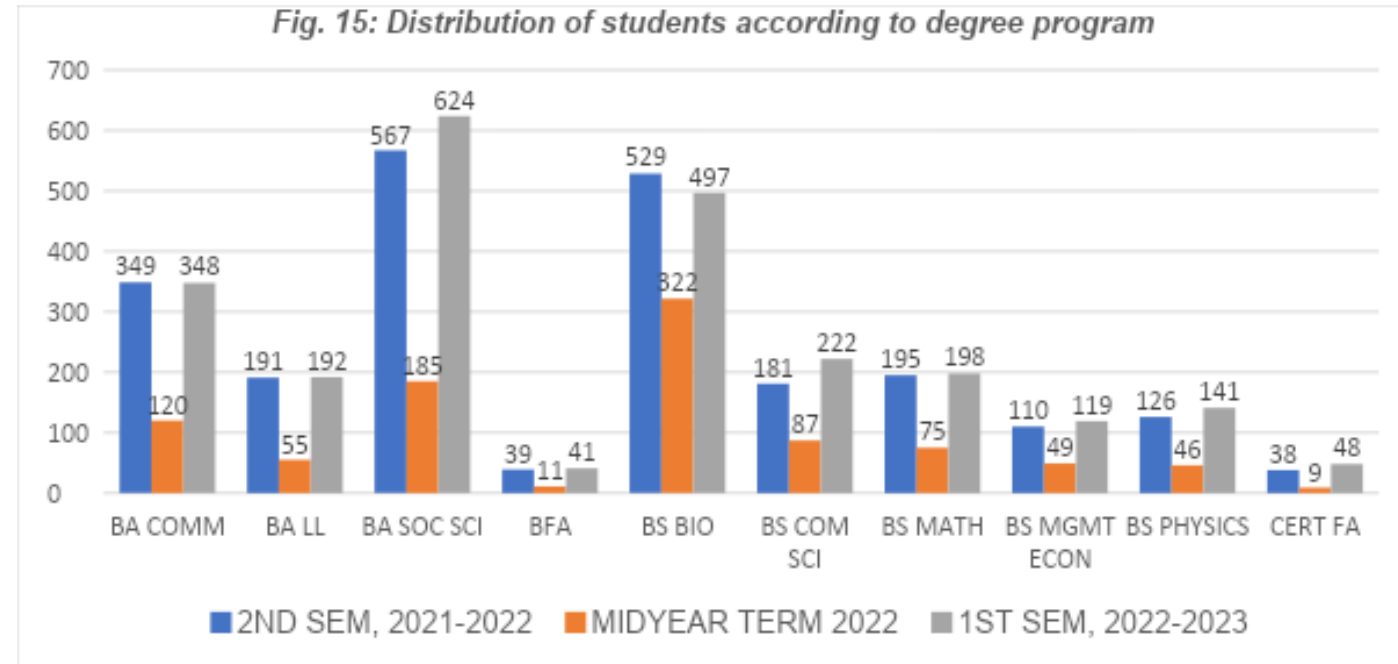
Table 10. Distribution of Students by Academic Program

PROGRAMS	2ND SEM, 2021-2022	MIDYEAR TERM 2022	1ST SEM, 2022-2023
BA COMM	349	120	348
BA LL	191	55	192
BA SOC SCI	567	185	624
BFA	39	11	41
BS BIO	529	322	497
BS COM SCI	181	87	222
BS MATH	195	75	198
BS MGMT ECON	110	49	119
BS PHYSICS	126	46	141
CERT FA	38	9	48
<b>Total</b>	<b>2325</b>	<b>959</b>	<b>2430</b>



Figure 15 shows that the three programs with the highest number of students for all year levels are the BA Social Sciences, BS Biology and the BA Communication programs. This is true for the two semesters of FY 2022. The courses with the lowest enrollment as of the first half of AY 2022-2023 are the BFA in the CAC; BS Physics in the CS; and the BSME in the CSS. The BFA and BSME programs are quota courses.

Fig 15. Distribution of students according to degree program

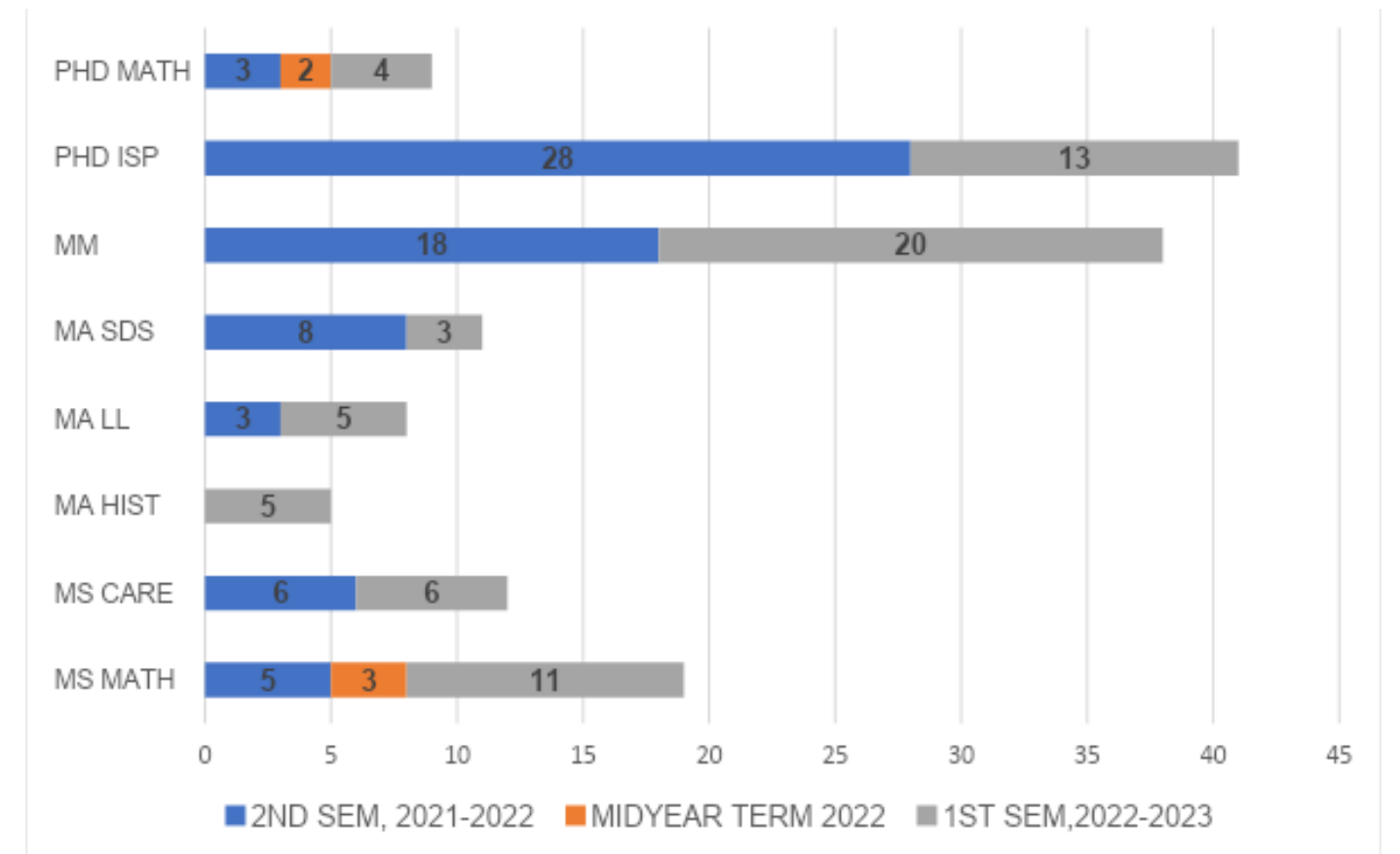


## Graduate Student Population

UP Baguio offers 7 graduate programs; 6 at the master's level and 2 at the Ph.D. level. The CAC offers the MA in Language and Literature (MALL) program; the CS offers the MS program in Conservation and Restoration Ecology (MS CaRE), MS in Mathematics and the PhD program in Mathematics. The CSS offers the Master of Management (MM), MA in History, MA in Social and Development Studies (MA SDS) and the PhD program in Indigenous Studies (PhD IS). The MA History was implemented in 2022.

First year enrollment in the graduate programs is shown in Figure 16. A total of 67 first year students were admitted to the various graduate degree programs, as of the first semester, AY 2022-2023. Of this number, the MM and the PhD IS programs had the biggest number of new enrollees at the Master's and the PhD levels, respectively. The MA History which was approved in 2021 admitted its first batch of 5 students for AY 2022-2023.

Fig. 16: First Year Enrollment in Graduate Programs



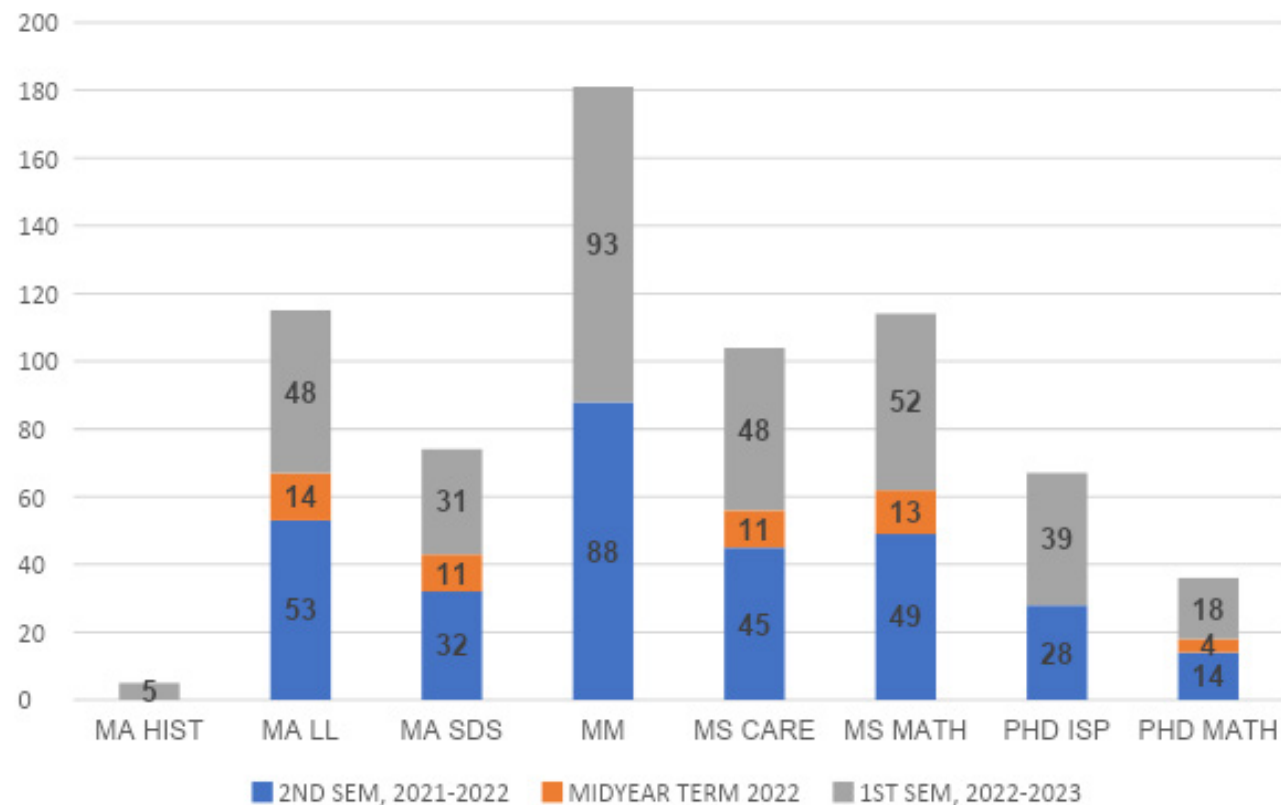


The total number of graduate students and their distribution according to graduate program for the year in review is seen in Table 11. An increase of 8.09% in graduate enrollment was noted between the 2nd semester, AY 2021-2022 and the 1st semester, AY 2022-2023. The MM which is a non-thesis program recorded the highest enrollment at 93 students or 27.84% of the total graduate student population as of the start of AY 2022-2023, followed by the MS Math program at 15.57% and the MS CaRE and MALL at 14.37% (Figure 17).

Table 11. Total Enrollment in Graduate Programs

PROGRAMS	2ND SEM, 2021-2022	MIDYEAR TERM 2022	1ST SEM, 2022-2023
MA HIST	0	0	5
MA LL	53	14	48
MA SDS	32	11	31
MM	88	0	93
MS CARE	45	11	48
MS MATH	49	13	52
PHD ISP	28	0	39
PHD MATH	14	4	18
<b>Total</b>	<b>309</b>	<b>53</b>	<b>334</b>

Fig. 17: Distribution of Students According to Graduate Program



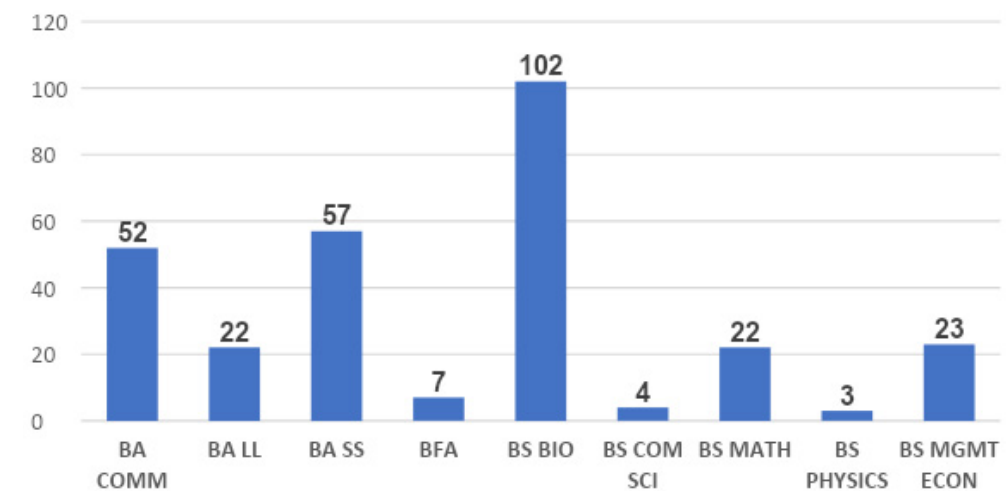
## Number of Graduates

UP Baguio had a total number of 341 graduates for the three semesters of FY 2022 as shown in Table 12. For the second semester, AY 2021-2022, there were 292 graduates at the undergraduate level. Fig. 18 shows that the BS Biology program recorded the highest number of graduates, comprising 35% of the total number of graduates for this semester. This was followed by the BASS program at 19.52% and the BA Comm program at 17.80%. There were no graduates of the CFA program for the three semesters or terms.

Table 12: Number of Graduates in Undergraduate Programs

ACADEMIC PROGRAMS	2ND SEM, 2021-2022	MIDYEAR 2022	1ST SEM, 2022-2023
BA COMM	52	3	4
BA LL	22	3	2
BA SS	57	6	6
BFA	7	0	0
BS BIO	102	0	19
BS COM SCI	4	3	3
BS MATH	22	0	0
BS PHYSICS	3	0	0
BS MGMT ECON	23	0	0
CERT FA	0	0	0
<b>Total</b>	<b>292</b>	<b>15</b>	<b>34</b>

Fig. 18: Number of graduates as of the 2nd semester, AY 2021-2022





At the graduate level, there were 16 graduates for the three semesters as seen in Table 13. Of the 16 graduates, 9 students graduated with the MM degree; 3 earned their MS degree in Mathematics; 2 finished the MA SDS program and only 1 completed the MALL and MS CaRE programs, respectively.

Table 13: Number of Graduates in Graduate Programs

PROGRAMS	2ND SEM, 2021-2022	MIDYEAR 2022	1ST SEM, 2022-2023
MA LL	0	0	1
MM	8	0	1
MS MATH	1	0	2
MS CARE	0	1	0
PHD MATH	0	0	0
PHD ISP	0	0	0
MA SDS	0	1	1
<b>Total</b>	<b>9</b>	<b>2</b>	<b>5</b>

## Geographical Distribution of Students

True to its vision as UP of the north, majority of the students come from the Cordillera Administrative Region (CAR), the Ilocos Region (Region I) and the Cagayan Valley (Region II). A good proportion of the student population emanate from the National Capital Region (NCR), Central Luzon (Regions 3) and CALABARZON (Region 4A) as well. There were no enrollees from the ARMM region (Table 14).

Table 14 : Number of Students according to Geographical Regions

Region	2ND SEM, 2021-2022	MIDYEAR 2022	1ST SEM, 2022-2023
1	533	238	496
2	205	109	202
3	577	216	579
4A	297	106	319
4B	13	3	13
5	59	22	67
6	3	0	0
7	4	1	6
8	8	2	9
9	0	1	3
10	3	2	4
11	8	1	8
12	2	0	3
13	7	0	7
CAR	443	152	456
ARMM	0	0	0
NCR	477	159	598
FOREIGN	2	1	1
<b>Total</b>	<b>2641</b>	<b>1013</b>	<b>2771</b>

Fig. 19 shows the percentage distribution of students for the 1st semester, AY 2022-2023 belonging to the top 6 regions. Approximately 21% of the student population were from NCR; followed by Region 3 at 20.89%; and Region 1 at 17.90%. Only 16.46% of 2771 students were from the CAR region.

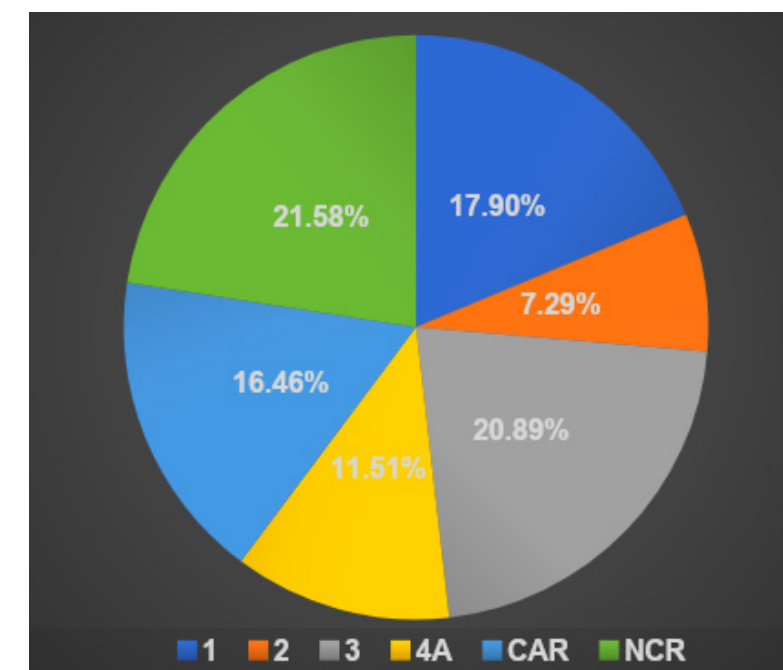


Fig. 19: Percentage Distribution of Students according to Region for the 1st semester, AY 2022-2023





## ➤ Degree Offerings of UPB

The University of the Philippines Baguio now offers 18 Academic programs consisting of ten (10) undergraduate programs, six (6) master's Programs and two (2) PhD Programs. The College of Arts and Communication offers the Certificate in Fine Arts, Bachelor of Fine Arts, BA Communication and the BA Language and Literature programs at the undergraduate level, and the MA in Language and Literature at the graduate Level. The College of Science offers 4 undergraduate programs namely: BS Computer Science, BS Biology, BS Mathematics and BS Physics. At the graduate level, it offers three programs, namely: MS Conservation and Restoration Ecology, MS Mathematics and Ph.D. Mathematics. The College of Social Sciences offers the BA Social Sciences with majors in Anthropology, Economics and History and the BS Management Economics program. At the graduate level the College offers four graduate programs: the Master in Management Program, MA Social and Development Studies and the PhD in Indigenous Studies and recently-approved MA in History.

A new academic program was launched in the first semester of AY 2022-2023, the MA History program, under the College of Social Sciences (CSS). The CSS welcomed the first batch of enrollees in the MA History Program and the second batch of enrollees in the PhD Indigenous Studies Program.

The Graduate Program Office (GPO) also assisted the Colleges in the promotion of the graduate programs, especially for the MA History and Ph.D. Indigenous Studies programs which are relatively new graduate programs. In October 2022, GPO joined the UPB Pahinungod Office in promoting both graduate and undergraduate courses of UP Baguio through the Tangguyob 2022 Project, reaching 12 schools within the Cordillera Administrative Region. It also established the Grants Management desk for Scholarship for Instructors' Knowledge and Advancement Program (SIKAP), with the GPO Head appointed as the Grants Administrator for the scholarship grant. A total of 16 graduate students in various graduate programs were awarded the SIKAP grant. The newly opened MA History program was included in the list of programs under the SIKAP grant.



University check of Baguio city officials in UP Baguio for the implementation of face-to-face classes on 05 September 2022

## ➤ Blended Learning

The year 2022 marked the reopening of the campus after the pandemic. The "Ligtas Balik Eskwela" program was instituted to prepare the campus for the gradual return of face-to-face classes. The OVCAA spearheaded a meeting with the College Deans, OSH (Occupational Safety and Health) Committee, focal persons of Colleges and the Security Office to discuss changes in the UPB operationalization for the opening of classes for AY 2022-2023. This plan was subsequently reviewed and endorsed by the Executive Staff for limited F2F for the second semester, AY 2021-2022.



The Colleges adopted the virtual mode of teaching and learning for the 2nd semester AY 2021-2022 (January-June). The teaching staff continued with the preparation and distribution of course packs that accompanied virtual classes. By the 1st Semester of AY 2022-2023, the Colleges adopted hybrid teaching and learning which is a combination of 50% face-to-face classes and 50% online classes, with asynchronous and synchronous class activities. Synchronous and asynchronous classes, as well as the preparation of course packs were retained. The College delivered innovative instruction such as field trips for some courses and continued facilitating extracurricular activities for its students.

As the delivery mode of instruction shifted to the blended mode of learning, improvements were made for the teaching and learning ICT equipment and facilities. Classrooms were retrofitted for the face-to-face classes by furnishing more equipment and providing stronger WIFI connectivity in identified learning hubs in the colleges. These improvements included the replacement of non-functional equipment and peripherals at the classrooms; provision of new technology for the improvement of facilities such as routers and switches, new laptops and desktops, printers and scanners and the like, and the provision of learning spaces for students to support face-to-face classes following the Health Services Office's guidelines on safety protocols.

The UPB-SNO (Systems Network Office) designed and built the UPBVLE2 Learning Management System (LMS) starting 10 January 2022. During the first quarter of 2022, SNO personnel migrated all the current course packs and information from the previously cloud-hosted UPBVLE LMS to the UPBVLE2 which is now locally hosted on campus. After months of preparation, data migration and testing, the UPBVLE2 went into live production status on 18 March 2022, and continues to serve the students and faculty of UPB to date. The UPB-SNO also continues to operate and maintain the UPBVLE2 LMS. On a daily basis, the UPBVLE2 serves more than 2000 students/users on average.

 **UNIVERSITY OF THE PHILIPPINES BAGUIO**  
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# Quality Assessment

The ASEAN University Network Quality Assurance (AUN-QA) aims to promote cooperation and development among higher education institutions (HEIs) in the ASEAN region in the attainment of global standards. In unison with the UP System's direction towards enhancing quality and relevance of its academic programs, UP Baguio has participated in various QA activities since 2015.

In July 2021, the Bachelor of Science in Management Economics (BSME) and the Bachelor of Science in Mathematics (BS Math), two (2) among the sixteen (16) degree programs of UP Baguio applied for AUN-QA Programme Assessment.

In 2022, the University achieved an important milestone towards quality assessment. In the College of Science, the Department of Mathematics and Computer Science (DMCS) went high gear in preparation for the actual online external assessment of its BS Mathematics following the AUN-QA framework. The CS website, including a separate website for the DMCS, was launched in August 2022. Additional pertinent preparations for the BS Math AUN-QA assessment were undertaken including repainting, minor refurbishing of offices, procurement of tables and chairs, and improvement of existing facilities. Finally, the BS Mathematics program was assessed (online) from 29 August to 2 September 2022 and was evaluated to be Adequate.



UP Baguio undergoing a 5-day program quality assessment under the ASEAN University Network



In the College of Social Sciences, the Institute of Management completed the SAR of the BS Management Economics program and submitted it to the AUN for assessment. The BSME program underwent assessment from 29 August to 2 September 2022 and passed the ASEAN University Network – Quality Assurance (AUN-QA) Programme Level Assessment in November 2022. This is part of the College's continuing effort to keep up with the high standard that is expected of education nowadays.

In preparation for AUN quality assessment, the other departments conducted internal workshops to draft their Self-Assessment Reports (SAR). In the CAC, the Department of Language, Literature and the Arts (DLLA) conducted another round of Tracer Surveys of its BALL, MALL and FA graduates (stakeholders) to update and supplement existing data. It also initiated surveys for employers of graduates who will serve as external stakeholders. PEN (Perceptions, Expectations and Needs) Surveys for current and graduating BALL and FA students (internal stakeholders) were also administered. The DLLA revised the Self-Assessment Report (Version 3) of BALL into Version 4 and drafted the Self-Assessment Report of BFA (Version 4).

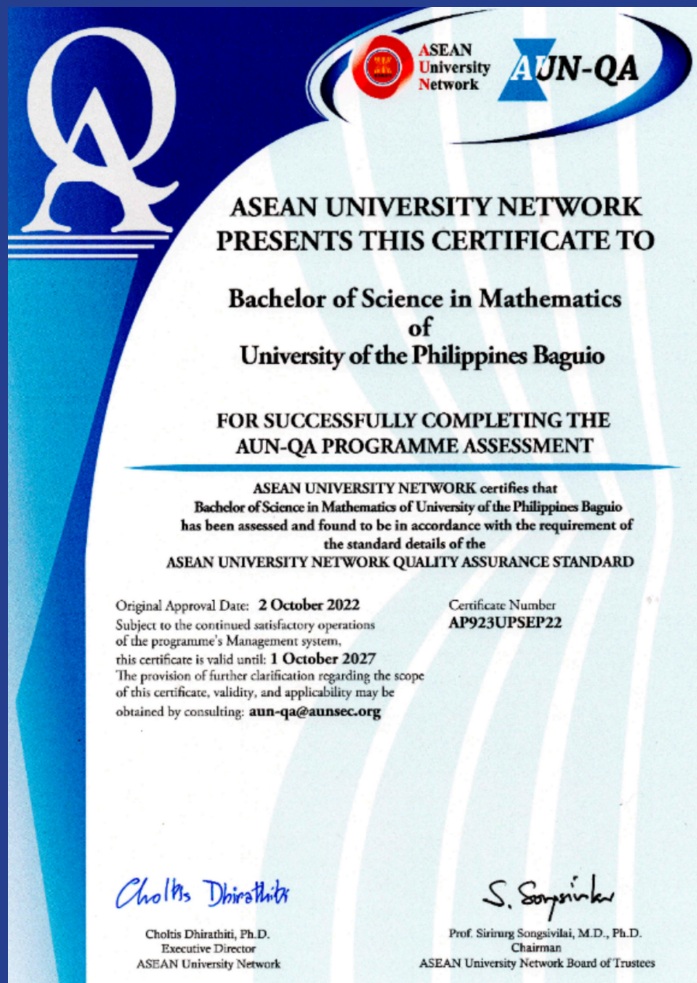
In the CS, several workshops were done by its departments in 2022 towards finalizing the SAR of its academic programs. The Department of Biology which is next to undergo quality assessment using the AUN Programme finalized its SAR for the BS Biology program and also started discussions on its MS CaRE program. Faculty also attended online AUN-QA Tier 1 training in May 2022 as well as the online UP QA Training Workshop on How to Do QA Assessments in October 2022.

The CSS organized a series of workshops for the BA Social Sciences (BASS) program. The teaching faculty worked collectively on the preparation and the writing of the BASS's Self-Assessment Report (SAR) AUN-QA format from the months of April to December. The syllabi of the faculty were updated following the AUN-QA standard, and the expected learning outcomes (ELOs) of the BASS program and individual disciplines were reviewed as the SAR was written. The SAR of the BASS Program was then completed and submitted to the Quality Assurance Committee of UP Baguio. The CSS also institutionalized practices for Quality Assurance which includes producing documentation for Quality Assurance practices.

A website for the CSS was created and is currently up and running. This was fully supported by the API of 2022. Preparations and development were done as early as April and the website was fully online by September 2022. A virtual launching event was held later in December 2022 as part of the College's contributions to the Investiture of Chancellor Corazon Abansi and the Anniversary of UP Baguio's becoming the 7th CU of the UP System. The website features the new learning outcomes that were reviewed and finalized during the SAR workshops, activities of the College including the students, and information about the CSS faculty.

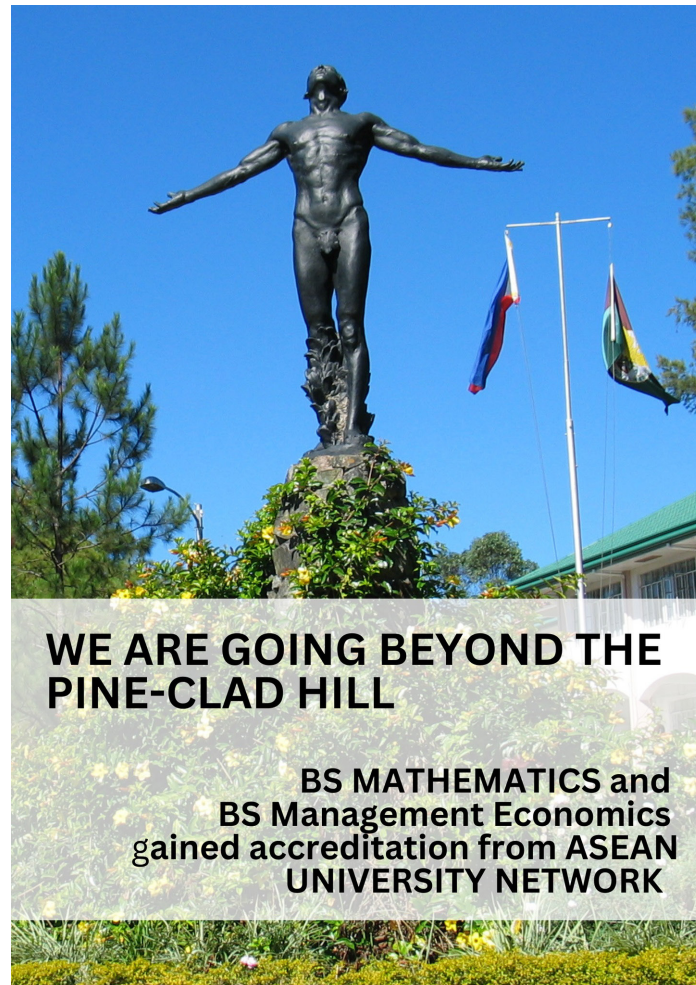


Screenshot of the CSS Website's Homepage



UP Baguio Quality Assurance Office

UP Baguio has also produced a growing number of academic staff trained under different quality assurance frameworks, mainly, AUN-QA. It has graduates of Tier 1: Accomplishing Programme Assessment, Tier 2: Assessors' Training Workshop for Programme Assessment and Tier 3: Accomplishing Institutional Assessment who in return, will serve as assessors in other HEIs.

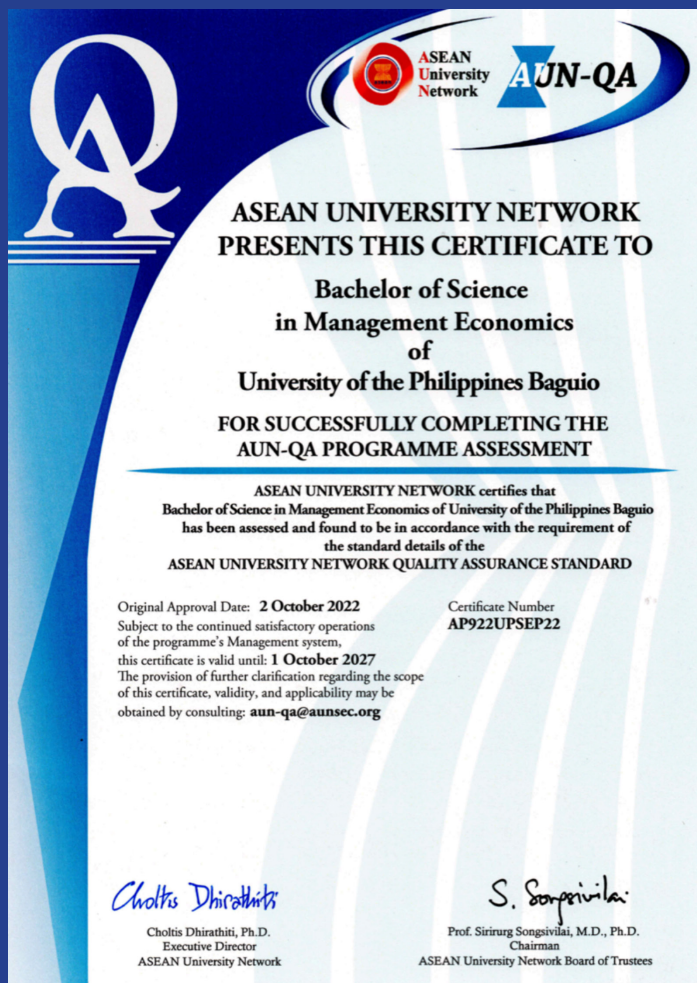


## Academic Program Improvement (API)

UP Baguio received its annual API funds in the amount of P10,796,000.00. These API funds were divided among the various offices of UPB to implement academic improvement programs. The API funds were used primarily for curricular reviews and for the conduct of workshops for quality assessment as well as for research activities and conduct of extension programs. The API Projects and the details of the projects conducted in 2022 are summarized in Table 15.

Table 15: API Utilization for FY 2022

2022 API			
IMPLEMENTING UNIT	TITLE	FUNDING	OUTPUT
	Pre-Cordillera Creative Writing Workshop Project	Php 95,000.00	Two pre-event lectures were streamed via Facebook and Zoom Webinar in 25-26 August 2022 attended by 110 general public viewers; Lectures centered on "Creative Writing in the Mother Tongue" and "Book Talks" featuring panelists who are local writers and publishers.
DEPARTMENT OF LANGUAGE & LITERATURE, COLLEGE OF ARTS AND COMMUNICATION	DLA Curricula Reviews and Program Development Plan 2022	Php 440,000.00	Tracer Surveys of BALL, MALL and FA graduates (stakeholders) were conducted to update and supplement existing data. The Self-Assessment reports of BALL (version 4) and BFA (version 4) were revised and drafted. Surveys for employers of graduates as external stakeholders were initiated and PEN (Perceptions, Expectations and Needs) surveys were also administered for current and graduating students of the BALL, CFA, and BFA students.
	The 2022 Darnay Demetillo Artist Award (DDAA) Workshop Series and Exhibit	Php 215,000.00	A mother website dedicated to DDAA has been created, including archival photo documentation of previous cycles, since year one (2013) and links to recent websites focused on 2021 and 2020 (the pandemic years). An on-campus awarding ceremony and exhibit was implemented once again after 3 years. The exhibit was a major gathering of nominees' works and past awardees' pieces, which were viewed by members of the UPB community, as well guests beyond the university. The first series of painting-based DDAA workshops was conducted, benefitting students, HS art teachers hoping to hone their craft, as well as art enthusiasts.







DEPARTMENT OF COMMUNICATION, COLLEGE OF ARTS AND COMMUNICATION	Production of printed and digital versions of the BA Communication Program Handbook for Students	Php 180,000.00	500 print copies were produced and distributed to DC students. A bulk of the copies were also given to the CAC College Secretary's office for distribution. An online and downloadable version of the handbook was also given to the college secretary to be uploaded in the CAC "tambakan" page.
	Retrofitting DC classrooms and laboratories for face-to-face classes in the new normal	Php 125,000.00	Sanitizers were purchased, fans for ventilation were installed in DC classrooms in preparation for the limited face-to-face learning mode starting in the 2nd semester of AY 2022-2023
	Quality Assessment of the Department of Communication 3	Php 263,000.00	A research assistant was hired to continue updating the data and write-up of the DC self-assessment report (SAR) for quality assurance. Data gathered from interviews, focus groups, and surveys were also analyzed in the SAR. Requests for the most recent data were also sent to participants.
	DC Online Faculty Skills Enhancement Workshops Fact Checking	Php 15,000.00	Lecturers attended a workshop on fact checking but more involvement from the DC faculty is needed in the future should there be available resource persons.
COLLEGE OF SCIENCE	Advancing Transformative Instruction, Research and Public Service and Quality Assurance at the College of Science	Php 2,000,000.00	<p>ASEAN University Network-Quality Assurance trainings were attended by the department chairpersons in preparation for the assessment of its academic programs.</p> <p>Specifically, the BS Mathematics program went high gear in preparation for and actual online external assessment following the ASEAN University Network Quality Assurance framework. The CS website, including a separate website for the DMCS, was launched in August 2022. The BS Mathematics program was assessed (online) on 29 August to 2 September 2022 and was evaluated to be Adequate.</p> <p>Research colloquia and discussion group meetings were conducted to disseminate research results of its faculty members. The SRC Guidelines and policies were crafted by the SRC Board and disseminated for feedback and review by the CEB.</p> <p>Extension programs were rendered by the College of Science. The Summer Institute in the Natural Sciences and Mathematics catered over 1700 participants from all over the Philippines.</p> <p>The National Science and Technology Week which was arranged by the CS Lecture Series Committee was attended by 194 participants via an online platform.</p>



COLLEGE OF SOCIAL SCIENCES	Improvement of Curriculum and Teaching, and planning for Policy Research in the College of Social Sciences	Php 2,000,000.00	The faculty collectively worked on the SAR of the BASS. About 65% of the SAR was accomplished. As part of the preparations for the assessment of its program, a college website has been designed, put up and is continuously being populated. The CSS also institutionalized practices for Quality Assurance. This includes producing documentation for Quality Assurance practices.
INSTITUTE OF MANAGEMENT - COLLEGE OF SOCIAL SCIENCES	BS Management Economics (BSME) Self-Assessment Report (SAR) completion, submission and AUN-QA program-level assessment	Php 500,000.00	The IM completed the BSME SAR and actual assessment by the AUN-QA team was conducted. The BSME successfully passed the AUN-QA assessment.
CORDILLERA STUDIES CENTER	Developing the Cordillera Studies Center's Institutional Impact through Institutional Linkages, Virtual Research Dissemination and Electronic Publication	Php 500,000.00	<p>The second online volume of The Cordillera Review for the period March-September 2022 was finally released. In addition to the online TCR, a printed volume of the TCR was also released.</p> <p>The "North Meets South" conference was presented as a concept paper for the NiCHE national conference instead, since UP Baguio is the Chair for 2022 and 2023.</p>



MUSEO KORDILYERA	Mapping the Cordillera Material Culture: Building Museo Kordilyera's Educational Resource through Ethnographic Research and Collections (Part 2)	Php 1,000,000.00	<p>The Museo Kordilyera utilized the API funds for its ongoing project on Cordillera material culture as an educational resource for research and collection.</p> <p>As part of building the ethnographic collection of the museum, the MK acquired relevant ethnographic artifacts such as (1) hagabi from Ifugao; (2) three vintage spindles; (3) one brass pipe and (4) three textiles from Abra to fill in the gap in the museum collections. Conservation materials for the collection of the MK were also procured.</p> <p>Research on gold and metalcraft in the Cordillera, including photo-documentation was conducted. These include researches on gong-making, brass bracelet and pendant making in Benguet, Mt. Province and Ifugao.</p> <p>Research and turn-over of ethnographic artifacts, books, archival materials and fieldnotes of Dr. Rosario del Rosario, Professor Emeritus in anthropology (UP Diliman) was also conducted. The ethnographic artifacts went to the museum, and the archival materials were turned over to the UPB Northern Luzon Archives. Two batches of turnover were made in July and August 2022.</p>
OFFICE OF THE CHANCELLOR	Digitization of Research Documents and Records of the OC and Development of Updated Database	Php 296,000.00	Pertinent research documents and minutes of meetings of the Executive Staff; Executive Committee and the University Council digitized
OFFICE OF PUBLIC AFFAIRS	Developing the UP Baguio Website	Php 763,600.00	<p>Developed UP Baguio homesite: <a href="https://www.upb.edu.ph/">https://www.upb.edu.ph/</a></p> <ul style="list-style-type: none"> <li>Updated and new content is still currently being developed.</li> <li>The new website is now accessible, interface design, back-end access, and other possible issues.</li> </ul>
	Documentation of UPB@60+: Transformation	Php 377,400.00	Updated UPB Alumni Data Base
	Crisis Communication Plan and Information Materials	Php 359,000.00	The Crisis Communication Plan was presented to the Executive Staff and subsequently approved in 2022. Pertinent infographics were posted and disseminated.



OFFICE OF THE VICE CHANCELLOR FOR ACADEMIC AFFAIRS	Improves Course Packs in preparation of F2F classes (gradual opening of UPB Campus), Review of GE Programs, Blended Learning and Quality Assurance across the three colleges of UP Baguio including the set up of the Pollution Control Office and UPB VLE Senior Deployment Proposal	Php 1,000,000.00	<p>The Ligtas Balik Eskwela program was established in line with the reopening of the campus and opening of classes in a limited F2F scenario.</p> <p>The UPB GE Committee discussed and disseminated updates on certain policies like the policy on crediting of GE courses, sharing of learning resources, etc.</p> <p>Faculty from the BS Biology, BS Math, BA Communication, BA Language and Literature, and the BSME programs participated in the Self-assessment Reports (SAR) Writing Workshop. Self-assessment Report (SAR) were submitted at the CU Level by the 5 programs before 31 December 2021 to the UPBQA Committee. These drafts were presented by the program coordinators in 06-07 January 2022 and insights for improvement were drawn from all SARs presented.</p> <p>The Pollution Control Office was set up to ensure compliance of the university with the requirements of Presidential Decree (PD) 1586, Republic Act (RA) 8749, RA 9275, RA 6969, RA 9003, and their respective implementing rules and regulations. The Environmental Management Bureau of the Department of Environment and Natural Resources (EMB-DENR) regularly monitors and inspects the university's compliance with these laws.</p>
UNIVERSITY LIBRARY	Continuing Enhancement of the UP Baguio Main Library Collection with Emphasis on Acquiring E-Journals and Filipiniana Collection	Php 1,000,000.00	The University Library procured electronic journals for the College of Arts and Communication, the College of Science, and the College of Social Sciences and acquired newly published Filipiniana collections.
<b>TOTAL AMOUNT</b>		<b>Php 10,796,000.00</b>	

# Library Services

The academic and research needs of the university community are supported by the quality information services and resources that the UP Baguio University Library offers. The University Library has the goal of improving and innovating its collection, facilities, and services through constant enhancement and change.

In 2022, the University Library increased its database subscriptions to provide more resources and wider access to thousands of scholarly articles, e-books, reports, and other digital resources. These include PressReader, Proquest Dissertations and Theses Global, Wiley Online Library, EBSCO eBooks Academic Collection, Statista and EBSCO Academic Search Ultimate.

**UP SYSTEM DATABASE SUBSCRIPTIONS for 2022**

**New Databases for 2022**

- 1 PressReader**  
<https://www.pressreader.com/>  
 PressReader distributes digital versions of over 7,000 newspapers and magazines in more than 60 languages through its applications for iOS, Android, Windows, Mac, and various e-readers as well as its website, and operates digital editions of newspapers and magazines for publishers, including The New York Times, The Washington Post and The Globe and Mail.  
 • On-campus within the UP System via IP authentication; and remote via OpenAthens (limited time)  
 Note: Accessing remotely will be on a limited time only per account. Only when within UP System that access will be unlimited.  
 Subscription Period : January 1, 2022 to December 31, 2022
- 2 ProQuest Dissertations & Theses Global**  
<https://www.proquest.com/pqdtglobal>  
 ProQuest Dissertations & Theses (PQDT) Global is the world's most comprehensive collection of dissertations and theses from around the world, offering millions of works from thousands of universities. Each year hundreds of thousands of works are added. Full-text coverage spans from 1743 to the present, with citation coverage dating back to 1637.  
 • On-campus within the UP System via IP authentication; and remote via OpenAthens  
 Subscription Period : December 29, 2022 to December 28, 2022
- 3 Wiley Online Library**  
<https://onlinelibrary.wiley.com/>  
 Firmly established as the world's leading society publisher, Wiley offers an exceptional portfolio of over 8 million articles from 1,600 journals. Half of which are published in partnership with prestigious international scholarly and professional societies. Titles cover the full spectrum of life, health and physical sciences, social science and the humanities, and include many titles ranked at the forefront of their field. Wiley Online Books combine quality content with the convenience, accessibility, and enhanced functionality of electronic access. Now featuring over 20,000 scholarly and professional books, handbooks, dictionaries, companions, and landmark book series. Discover premier titles from the most celebrated scientists, award-winning authors, and renowned researchers in the life, health, and physical sciences, social sciences, and humanities.  
 • On-campus within the UP System via IP authentication; and remote via OpenAthens  
 Subscription Period : January 1, 2022 to December 31, 2022

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**UP SYSTEM DATABASE SUBSCRIPTIONS for 2022**

**New Databases for 2022**

- 4 Statista**  
<https://www.statista.com/>  
 The Statista platform contains more than 1,000,000 statistics on more than 80,000 topics from more than 22,500 sources and 170 different industries. The platform includes:  
 • Statistics (Statistics, forecasts & surveys, infographics, topic pages)  
 • Reports (Dossiers & DossierPlus, Statista studies, industry & country reports, external studies)  
 • Outlooks (Digital market, consumer market, mobility market, country, advertising & media, technology market, industry) Infographics  
 • On-campus within the UP System via IP authentication; and remote via OpenAthens
- 5 EBSCO eBooks Academic Collection**  
<https://search.ebscohost.com/login.aspx?profile=ehostdefaulddb-e000xww&authtype-ip.shib&custid-n5003679>  
 The EBSCO eBooks Academic Collection offers the e-books your students depend on for their research. This multidisciplinary collection includes thousands of e-books covering a large selection of academic subjects and features e-books from leading publishers and university presses. Content includes 203,500 ebooks.  
 • On-campus within the UP System via IP authentication; and remote via OpenAthens
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 Academic Search Ultimate offers students an unprecedented collection of peer-reviewed, full-text journals, including many journals indexed in leading citation indexes. With 12,175 periodical titles with full text, Academic Search Ultimate provides more resources than our former Academic Search Complete subscription. Thus, the subscription for the latter has been discontinued effective 01 January 2022.  
 • On-campus within the UP System via IP authentication; and remote via OpenAthens

**Contact Us**

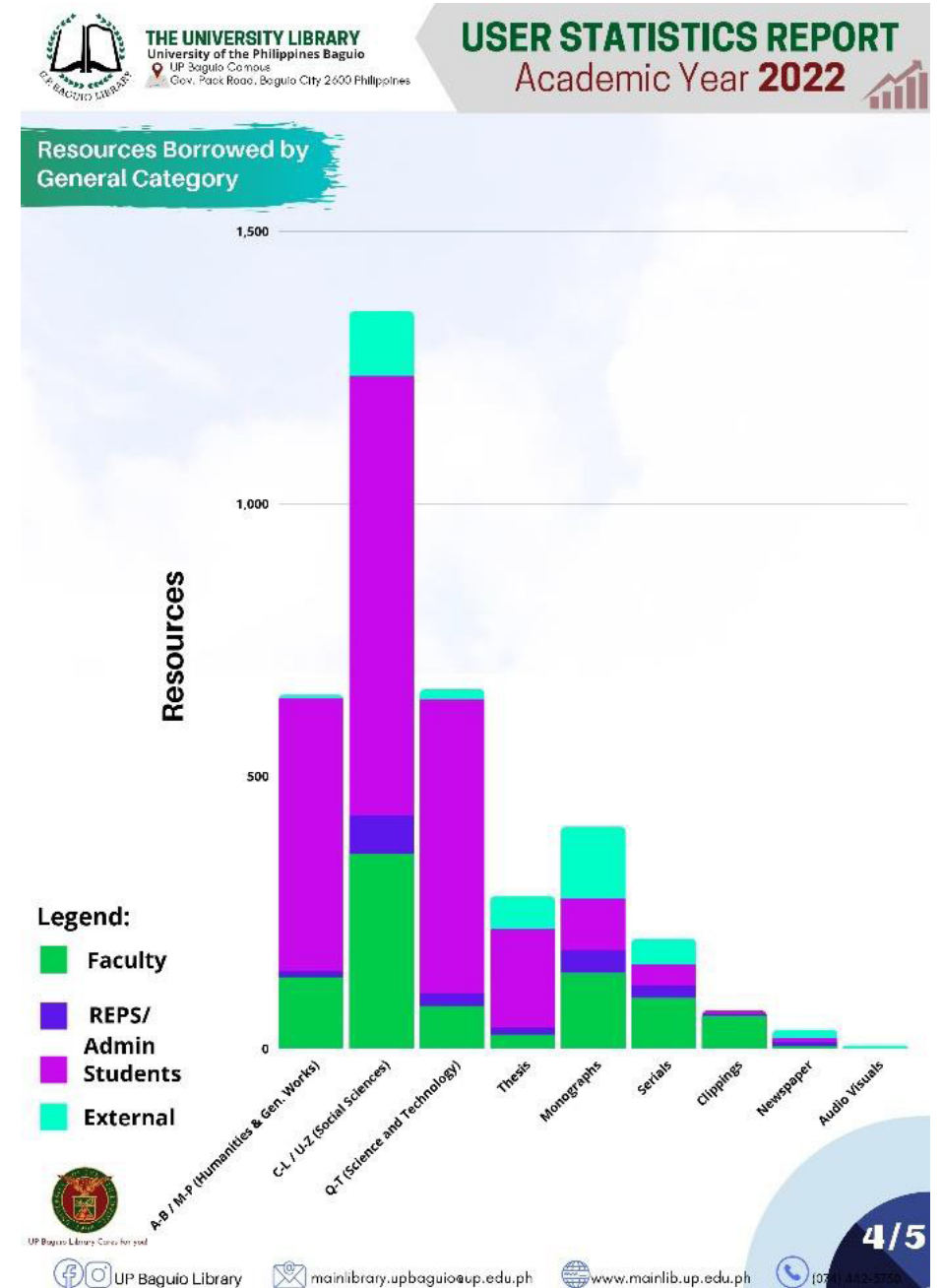
UP Baguio Library (074) 442-5750  
 @upbaguio library mainlib.up.edu.ph  
 mainlibrary.upbaguio@up.edu.ph

To improve its user services, it received a new installation of the FreeWiFi4All program from the DIC (Digital Innovation Center) on 4 August 2022. This program, which was first installed at UP Baguio on 12 January 2021, aims to provide free internet access in public places in accordance with Republic Act 10929 or the Free Internet Access in Public Places Act. It also continued to enhance its social media platforms to promote services and collections to library users so that they can make effective use of library collections and services.

On 31 March 2022, UP ITDC granted the Library's request for additional UP mail accounts to serve as a separate account to all official communications, and files associated with the e-resources and serials section and can be easily archived and turned over to future Library staff. Downloaded e-resources will maximize the space allocation and decongest the influx of emails from the Main Library email account. The link of the stored e-resources and e-journals will be integrated into the UPB iLib system, making the full text readily available for download to users.

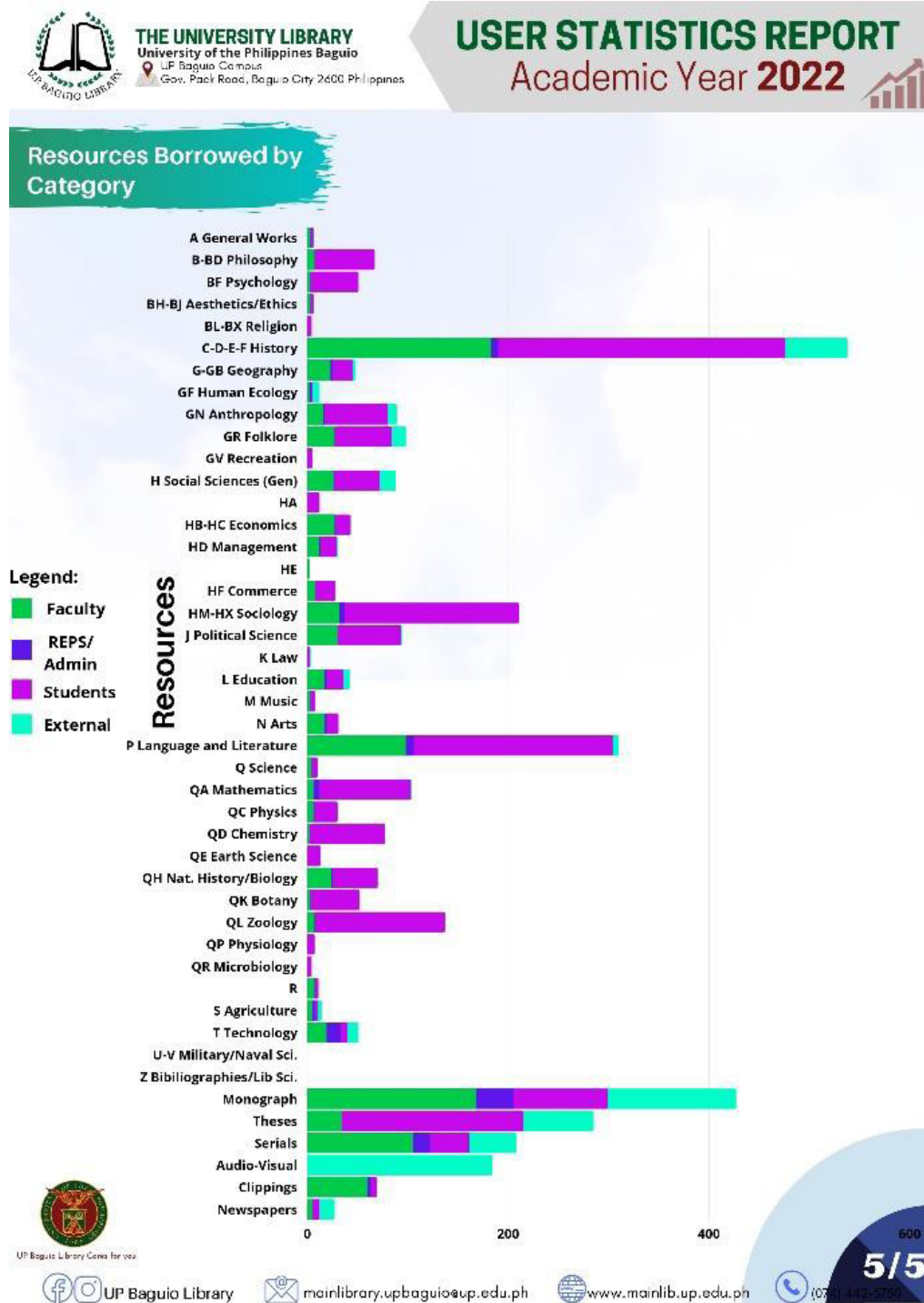
On 8 June 2022, UP ITDC created the MS Outlook email addresses. This was in response to the advisory regarding the limited Google storage capacity of gigabytes. These emails will serve as additional cloud storage of all the important documents and e-resources of the University Library. The University Library also created a new website in collaboration with System Network Office and migrated content of each webpage to facilitate easier updating of each webpage and encourage collaborating and interaction among clients and library staff through its various features.

As the University shifted to blended learning in 2022, the number of users of library resources also increased. From January to December 2022, the graph indicated that the CSS students and faculty had the highest demand for library resources, followed by the CS.





The University Library has also made it a priority to implement RFID technology this year and in the future. RFID, or Radio Frequency Identification, is a technology that uses radio waves to identify and track objects. Academic libraries use RFID to automate book handling processes, such as check-out, check-in, inventory control, and anti-theft. RFID also helps to save time for patrons and library staff, speed up book sorting, and generate management reports. Additionally, RFID can offer strategic value to academic libraries by enhancing user experience and improving collections management efficiency.



## Learning Resource Center (LRC)

The Learning Resource Center (LRC) of the University of the Philippines Baguio is an office that is mainly tasked to supplement, complement, and coordinate all learning assistance programs and instructional support services to students. It conducts tutorial sessions for students who have difficulty in certain subjects or courses. Its personnel complement consists of peer mentors who are currently enrolled undergraduate and graduate students of the University as well as faculty mentors who assist the peer mentors in making reviewers. The roster of subjects offered by the LRC includes Math, Physics, Computer Science, Chemistry and Communication subjects.

Table 16: Summary of Enrichment Sessions conducted by the LRC in FY 2022.

COURSE	ENRICHMENT SESSION	
	NO. OF TUTORIALS	NO. OF HOURS
MATH 54	2	5
MM 201	1	1
CMSC 55	1	1.5
CHEM 26	5	15
MATH 100	3	7
MATH 29	3	9
COMM 11	1	3
MATH 55	1	2
PHYSICS 122	1	3
<b>TOTAL</b>	<b>18</b>	<b>46.5</b>

Learning assistance programs consist of online enrichment sessions and class review sessions. For 2022, LRC held online enrichment subjects in 9 subjects which covered 18 sessions and 46 hours as seen in Table 16. Chem 26 which is a required course of the BS Biology program was the most requested subject for tutorials.

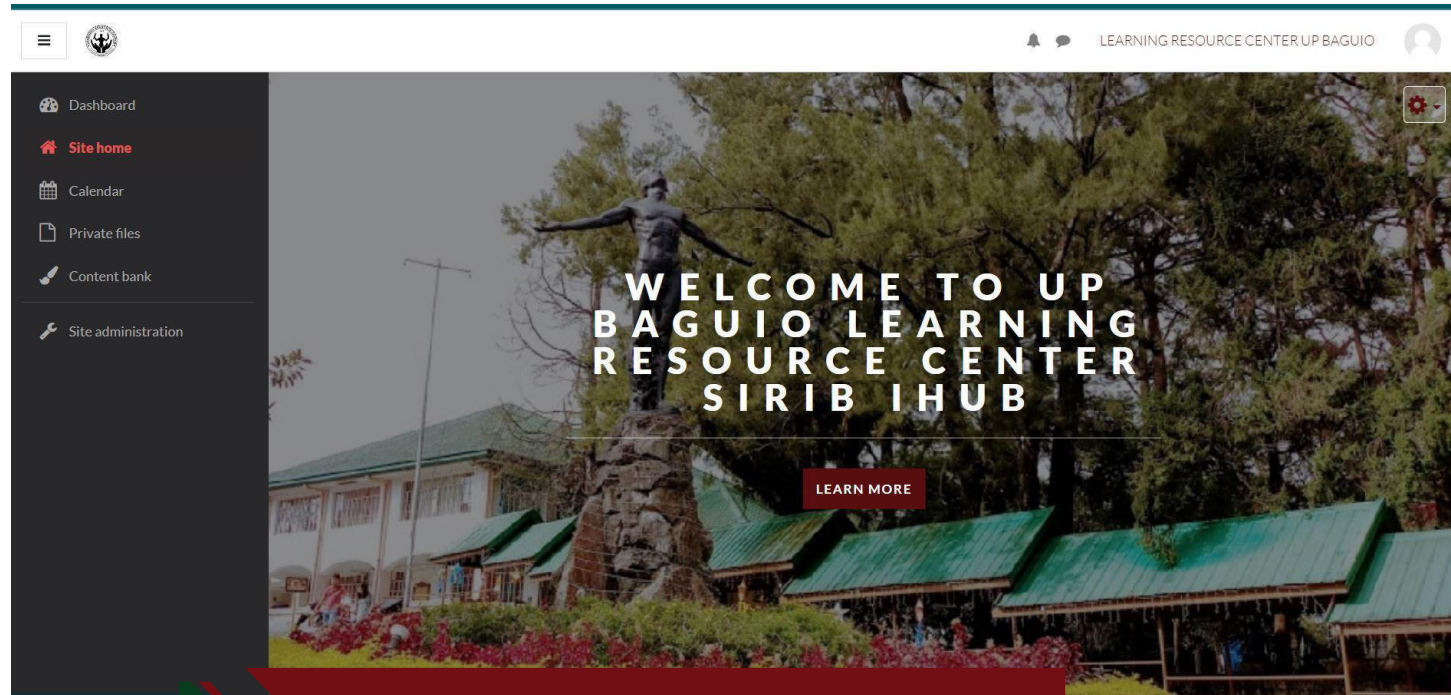
Class Review Sessions continued to be in high demand since this is a crucial time for students to review for their upcoming long examinations (LEs) in a particular subject. Table 17 shows that Math 53 has the most class review sessions conducted of approximately 10 hours.

Table 17: Summary of Class Review Sessions for 2022

COURSE	ENRICHMENT SESSION		
	NO. OF REVIEWS	NO. OF TEST TRAINING HOURS	NO. OF HOURS
MATH 54	2	4	5
CMSC 55	1	2	1.5
MATH 100	2	2	4
MATH 29	3	6	9
CHEM 26	2	N/A	4.25
MATH 53	3	1.25	10
MATH 55	2	1	7
MATH 101	3	1.25	8.75
<b>TOTAL</b>	<b>7</b>	<b>14</b>	<b>16.5</b>



To allow greater access to students, the LRC launched the Sirib iHUB in March 2022, which serves as its Learning Management System (LMS). The LMS helps strengthen the online services that support remote learning. It is easier for the students to access the copy of the digital materials such as enrichment and class review session videos, and exam reviewers with answer keys. Furthermore, the LMS is a safe and accessible online space for knowledge enrichment that provides equal access to all types of students.



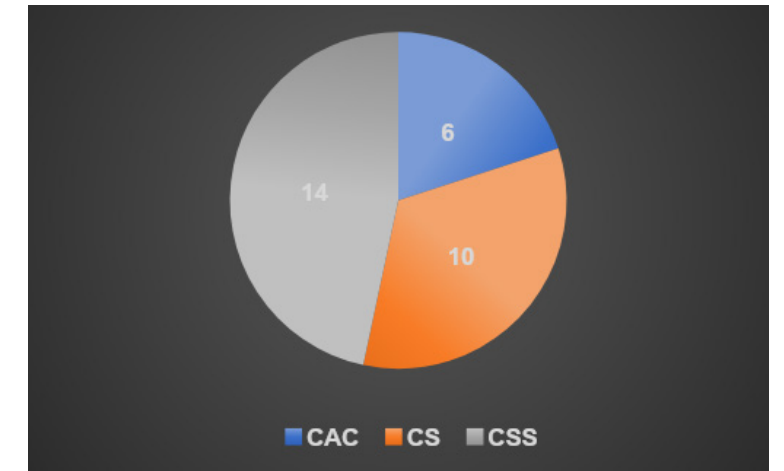
The UP Baguio Learning Resource Center Sirib iHub Home Page

The LRC Sirib iHUB was also used as a site to distribute the course pack from **Remote Learning 101** for the 1st Semester, and this was disseminated and accessed by the incoming freshmen students and other UPB students. A total of 730 students enrolled in the course.

## Multidisciplinary Research and Creative Works

For FY 2022, the Colleges recorded a total of 30 completed researches. Figure 20 shows that the CSS had the highest number of completed researches with 14 researches, followed by the CS while the CAC recorded only 6 researches in 2022. In FY 2021, the University recorded a total of 25 completed researches; hence a slight increase of 20% in completed researches was observed for FY 2022.

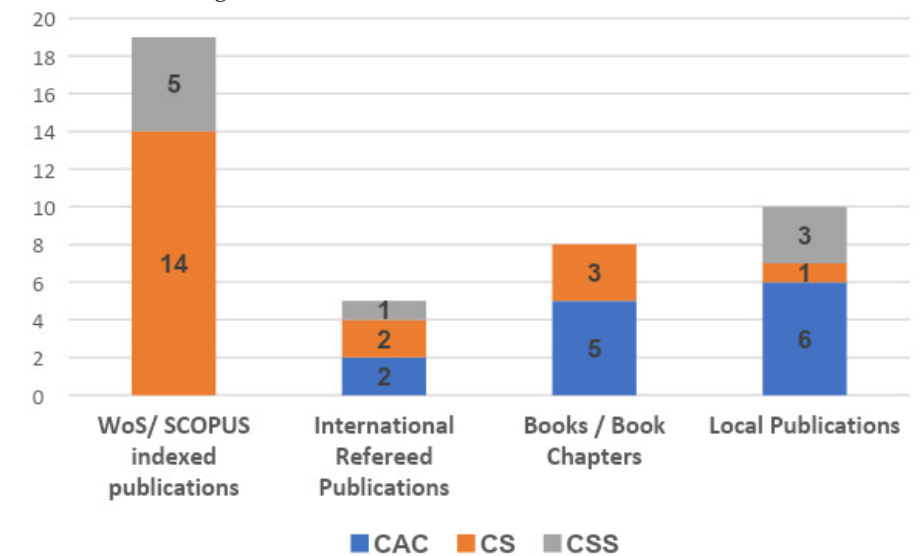
Fig. 20: Number of Completed Researches in the Colleges



The 10 completed researches under the CS were all fully funded from internal and external sources. The leading funding agency was the DOST which granted a total of P38.6 million in research funds to the CS. Other funding agencies included the DSWD, and the Cordillera Studies Center (CSC) of the University. The CSC supports research projects of the faculty through its Research Grants and the ITRG (Interdisciplinary Team Research Grant). Some of the researches under the CSS were also funded by external agencies like the NCCA, World Bank and the UNACOM (UNESCO National Commission of the Philippines). The list of completed researches and publications is found in the Appendices.

With respect to number of publications, a total of 42 publications were recorded for the year in review. Fig. 21 shows that of the 42 publications, 19 or 45% of all publications were published in WoS/SCOPUS indexed journals. Only 5 international refereed publications were recorded for this year; 8 books or book chapters and 10 local refereed publications. The CS took the lead in number of WoS/SCOPUS-indexed publications as well as in total number of publications, accounting for 47.62% of the 42 publications recorded for this year.

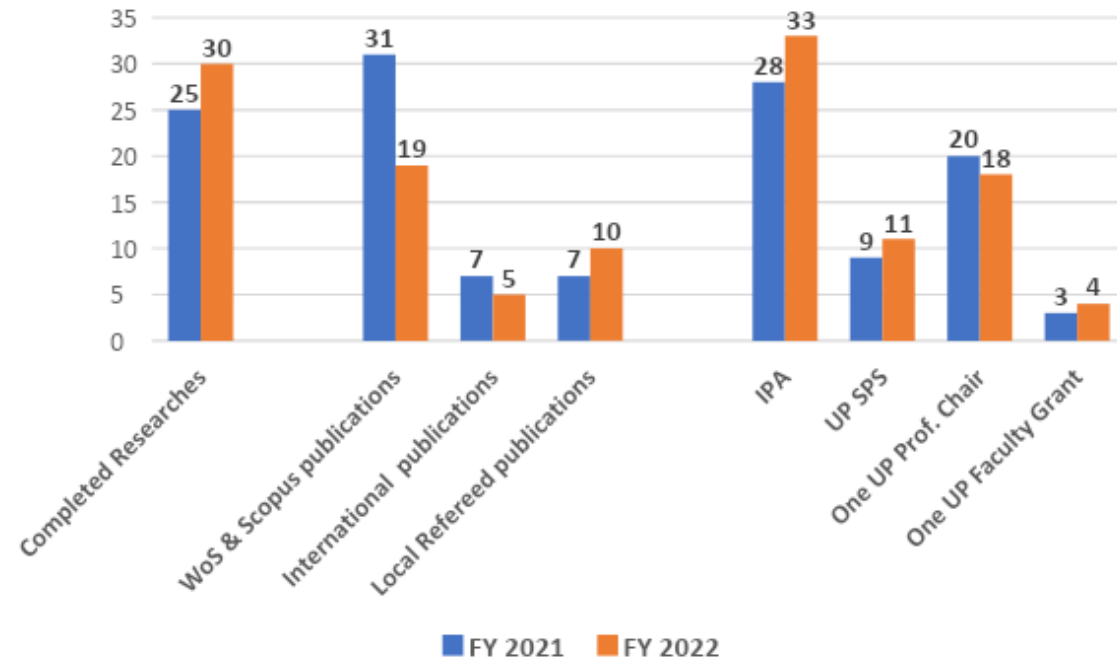
Fig. 21: Number of Publications in FY 2022





A comparison of the publication output between FY 2021 and FY 2022 is shown in Fig. 22. A decrease of 39% was noted in 2022 with respect to the number of publications in WoS and SCOPUS-indexed publications. A slight decrease was also observed for publications in international refereed journals.

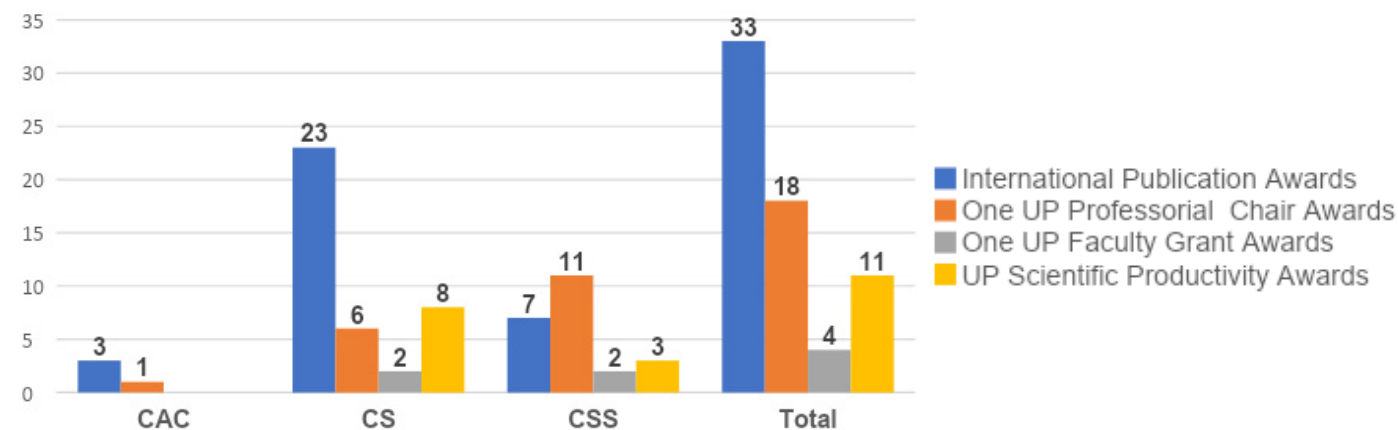
Fig. 22: Number of researchers, publications and awards in FY 2021 and FY 2022



For 2022, the University recorded a total of 33 International Publication Awards (IPA), 18 One UP Professorial Chair awards, 4 One UP Faculty Grant awards and 11 UP Scientific Productivity System awards. Data from FY 2021 showed that there was an increase of 17.8% in IPA in 2022 as well as in the number of UP Scientists and One UP faculty grant awardees (Fig. 22).

The International Publication Award is given to faculty whose articles are indexed in WoS and/or listed in SCOPUS. Figure 23 shows that the CS has the highest number of IPAs as compared to the other two colleges, accounting for 70% of the 33 IPAs for the entire University. The CSS came in second with 7 IPAs while the CAC had three IPAs.

Fig. 23: Number of Research and Publication Awards according to College



The One UP Professorial Chair or Faculty Grant awards aim to give recognition and incentives to faculty members who have demonstrated outstanding performance on two out of three work areas, namely; teaching, research or creative work, and public service. For the One UP Professorial Chair awards, the CSS led the three colleges in number of professorial chairs at 61% followed by the CS which had 6 professorial chair awards. Only the CS and the CSS had awardees (2 each) under the One UP Faculty Grant awards.

The UP Scientific Productivity System (SPS) aims to support the development of science and technology and to encourage and reward scientific productivity and is highly competitive. Under the SPS, there are three categories, namely; Scientist I, II or III. In 2022, there were 11 UP Scientists; 8 from the CS and 3 from the CSS. In the CS, there were 6 faculty who were given the Scientist I award and two at Scientist II level. In the CSS, two of its three scientists were designated as Scientist III and only one as Scientist I.

In the CS, its Science Research Center (SRC) continued with finalizing the research and lab protocols for the CS labs. It also established a CS Research database. The National Book Development Board has approved the registration of the UP Baguio Science Research Center as Book and e-Book publisher and seller, until July 2023. The SRC operations manual was also drafted and is presently undergoing review.

Faculty also disseminated their research results in conferences or seminars as paper or poster presenters or speakers. In 2022, there were 33 research presentations by faculty and the CS led in number of research presentations at 23 presentations or 69.7%. The CSS came in second with 8 research presentations or 24.24% while the CAC came in last with only 2 presentations or 6.06% (Fig. 24).

Fig. 25 shows the type of conference / workshop / seminars where faculty members presented their research findings, whether in international, national or local conferences. The figure shows that the CS led in number of conferences attended for the three types of conferences, as compared to the CAC and the CSS.

Fig. 24: Number of Research Presentations per College

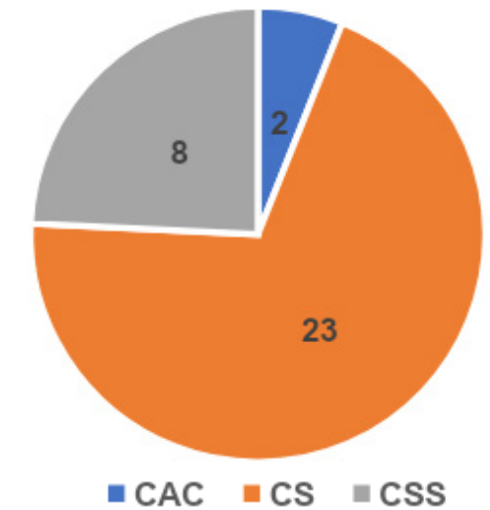
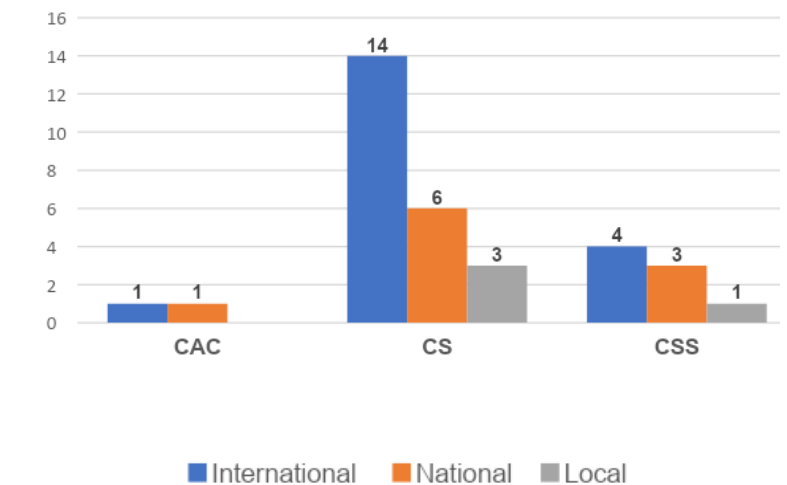


Fig. 25: Research Dissemination in International, National, Local Conferences



# Cordillera Studies Center (CSC)

The CSC is the research center of UP Baguio, and it focuses on Cordillera and Northern Luzon and Indigenous Studies. In 2022, the Cordillera Studies Center (CSC) celebrated forty-two years of service in the Cordillera region and the wider area of Northern Luzon. Through the years, the Center has continued to be an unwavering community partner and academic leader, advancing Cordillera culture and heritage through innovation and excellence in research and publications.

## ➤ Completed Researches

A total of eight (8) researches were completed with the assistance of CSC grants. Five (5) of these researches were funded from the CSC Research Grant and three (3) from the Interdisciplinary Team Research Grant (ITRG), as seen in Table 18.

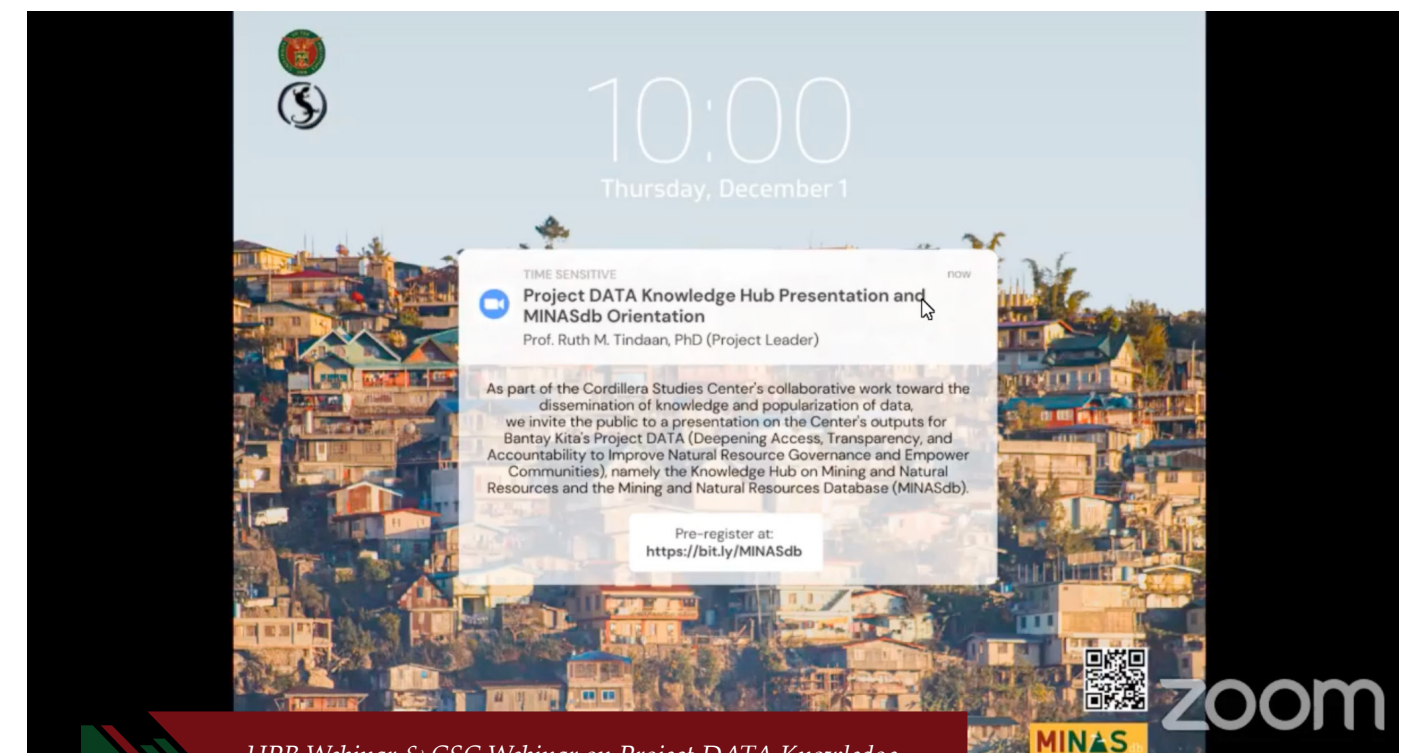
Table 18: Completed researches funded by the CSC

RESEARCH TITLE	Proponent	Fund Source/ Sponsors	Date completed
Sal-salan Di E-Sabangan: An Aesthetic Expression of the People of Sabangan's Culture Through Social Indigenous Dances	Talangchey, Jessica	CSC Research Grant	December 2022
Marcos and the Solid North: Political Socializations of Millennials in the Cordillera	Tatcho, Orville	CSC Research Grant	February 2022
Exploratory Data Analysis (EDA) of Baguio City COVID-19 Cases	Addawe, Rizavel; Viernes Jhunias Paul T; Libatique, Criselda P.	CSC ITRG	December 2022
Interdisciplinary Assessment of Baguio City Local Government Unit's Policy Response to the Covid-19 Pandemic	Gutierrez, Rosemary; Abansi, Corazon; Tindaan, Ruth	CSC ITRG	August 2022
Profiling State Universities and Colleges in the Cordillera on the Integration of Indigenous Peoples Education in Higher Education Curricula	Alangui, Wilfredo; Tindaan, Ruth; Pamintuan-Riva, Paula; Javier, Jeffrey	CSC ITRG	March 2022
The Linguistic Landscape of Baguio Jeepneys	Florendo, Maria Rosario	CSC Research Grant	February 2022
Non-prescribed Hormone Therapy among Transwomen and Transmen in Baguio City and La Trinidad, Benguet	Josef, Jennifer C.	CSC Research Grant	May 2022



Understanding the role of the University in the creative economy of Baguio City using the Triple Helix - Model	Abansi, Corazon	CSC Research Grant	November 2022
Scoping Study on Extractive Industry and Natural Resource Governance in Benguet	Tindaan, Ruth; Riva, Paula-Pamintuan; Javier, Jeffrey H.; Busacay, May Rose; Bayan, Mitzi	Bantay Kita	March 2022

The Center's engagement with BANTAY KITA, a coalition of organizations advocating for transparency and accountability in the extractive industry, through its Project DATA (Deepening Access, Transparency and Accountability to Improve Natural Resource Governance and Empower Communities) concluded in 2022 with a variety of outputs aimed at improving natural resource governance in the region and the nation. The Mining and Natural Resources Database or MinasDB was launched in the first quarter of 2022, containing a wide spectrum of literature and sources that cater to both casual and deep researchers on mining and extractive industries in the Philippines. The website also serves as an online and electronic counterpart to the physical Knowledge Hub on Mining and Natural Resources and is now housed at the Knowledge and Training Resource Center at CSC. Aside from these repositories, the project team also completed a publishable "Scoping Study on Mining and Natural Resource Governance in the Province of Benguet focused on Metallic Large Scale and Small-Scale Mining" that was received favorably by our counterparts in civil society. The research study was able to present an account for the implementation of natural resource governance, specifically mining of minerals, in the province of Benguet; identify best practices and areas of concern in the processes of mining governance in the province and provide recommendations for policy options or enhanced policy implementation relative to extractive industries.



UPB Webinar & CSC Webinar on Project DATA Knowledge Hub Presentation and MINASdb Orientation



## ➤ Implemented Projects

The CSC in collaboration with the Department of Science and Technology - CAR started the implementation of the project, “Establishing a Landslide Knowledge Management Center” in September 2022. The project aims to facilitate fast information sharing, knowledge dissemination, and collaborative pooling of data on landslide by building a complementary physical and virtual database on landslide science, impacts, risks, local coping strategies (indigenous concept, skills and practices), management and mitigation practices, survival narratives and other related information. Expected from the project is the establishment of the physical and digital Landslide Knowledge and Management Website and Portal and the research on Indigenous Knowledge on Landslide Mitigation and Resilience. The project will be implemented from September 2022 until August 2023.



## ➤ CSC Research Grant and Interdisciplinary Team Research Grant

As a continuing support and assistance in the generation of resources to support research activities, the CSC awarded research funds to seven (7) researches from the CSC’s Research Grant and ITRG, as seen in Table 19. Its funding ranged from P150,000.00 to a maximum amount of P250,000.00 per project or research. The selection of researches to be funded by the CSC is done by the CSC Board.

Table 19: New researches funded by the CSC in 2022

RESEARCH TITLE	Proponent	Fund Source/ Sponsors	Amount of Grant
Analysis of Mosquito Related Cases in Baguio City Using Geographic Information System	Addawe, Rizavel; Lazaga, Junley; Viernes, Jhunus Paul; Libatique, Criselda P; Marigmen, Joseph Ludwin	CSC ITRG	250,000.00
Command Prefix i-, ano na?: Isang Penomenolohiya at Sosyo-historikal na Linggwistikong Pag-aaral sa Unlaping i- na Ginagamit ng Migranteng Wika ng mga Mag-aaral sa Kias Elementary School, Pinget Elementary School at Sto. Tomas Elementary School sa Lungsod ng Baguio, Pilipinas	Mendigo, Rosalina	CSC Research Grant	150,000.00
A Survey of the Summer Capital's Linguistic Landscape: Image, Language Use and Meaning	Florendo, Maria Rosario	CSC Research Grant	150,000.00
African Tulip ( <i>Spathodea campanulata</i> P. Beauv.): An emerging threat to Baguio City's Green Space	Baoanan, Zenaida G.; Magtoto, Liezel; Viernes, Jhunus Paul	CSC ITRG	250,000.00
Sal-salan Di E-Sabangan: An Aesthetic Expression of the People of Sabangan's Culture Through Social Indigenous Dances	Talangchey, Jessica	CSC Research Grant	150,000.00
Objective Correlative: The Sociological and Aesthetic Biography of Eduardo Masferre and his Photographs of the Cordillera	Rabang, Roland Erwin	CSC Research Grant	150,000
Transitions and Transformations in the Colonial and Postcolonial Discourse of Headhunting in the Highlands of Northern Luzon	Jularbal, Io	CSC Research Grant	150,000





The CSC also organized 4 lectures as part of its Completed Research Lecture Series in 2022, as seen in Table 20.

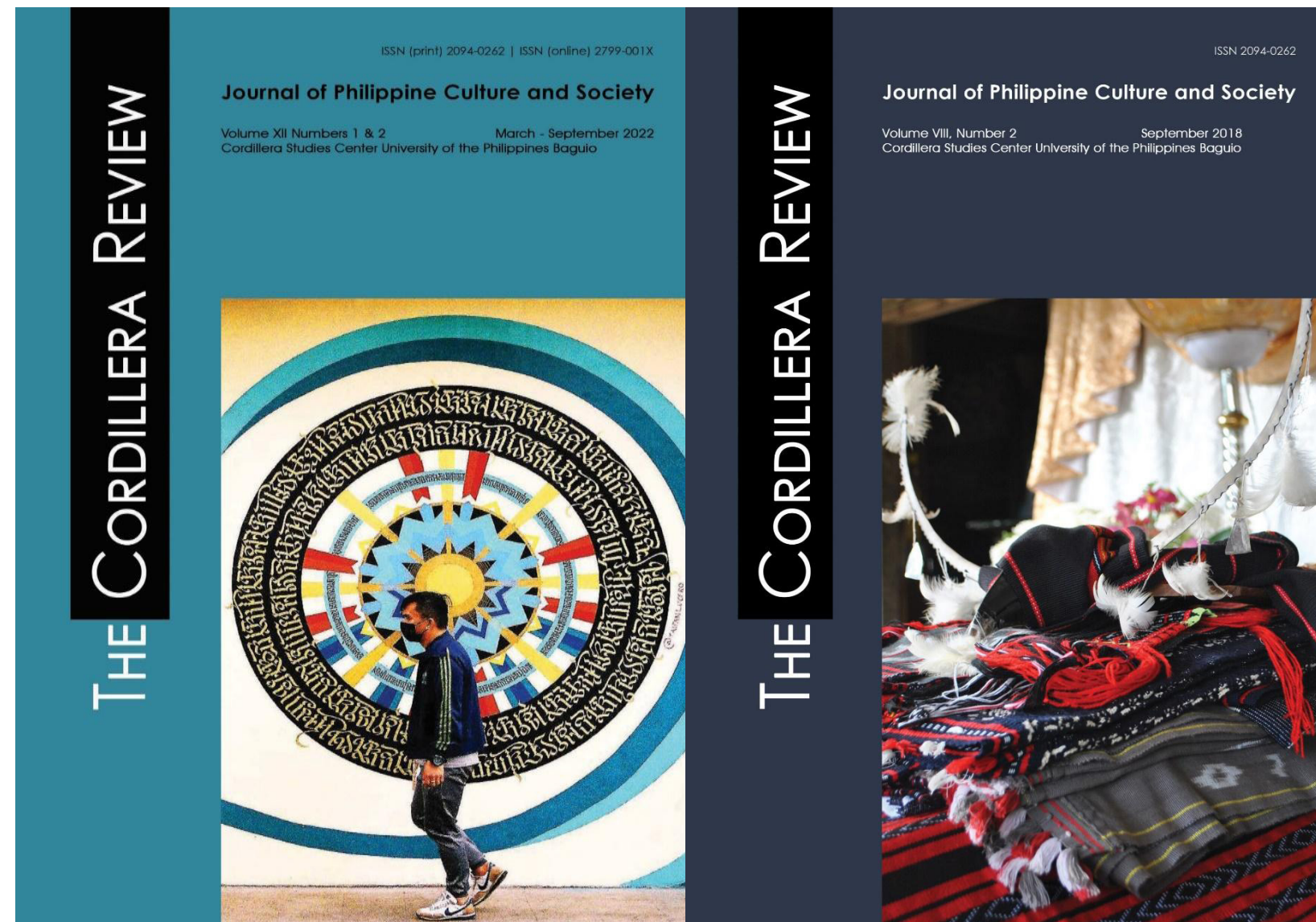
Table 20: Trainings and lectures conducted by the CSC

Title of Training/ Lectures Conducted	Resource Speaker/s	Date	No. of Persons Trained
CSC Completed Research Lecture Series: Assessing UP Baguio Students' Level of Well-being towards the Development of a Responsive Counseling and Guidance Program in the New Normal	Julie Tuguinay, Aurora Parcasio and Liza Ngiao	24-Jun-22	25
CSC Completed Research Lecture Series: Initial Interdisciplinary Assessment of the Baguio Local Government Unit's Policy Response to COVID-19	Profs. Corazon Abansi, Rosemary Gutierrez and Ruth Tindaan	08-Aug-22	27
CSC Completed Research Lecture Series: CSC Research Lecture: "The Jeepney, the Text and the Image: Mapping Space and Plotting Intersections in the Linguistic Landscape of Public Transportation in Baguio City"	Prof. Ma. Rosario Y. Florendo	22-Nov-22	92
Project DATA (Deepening Access, Transparency, and Accountability to Improve Natural Resource Governance and Empower Communities) Knowledge Hub on Mining and Natural Resources and the Mining and Natural Resources Database (MINASdb)	Prof Ruth M. Tindaan	01-Dec-22	65

Aside from these achievements, the Center also continued its podcast series, CSC Fieldnotes, which began in 2020 to foster collegial discussions on research and methodologies used in the field by faculty and REPS at UP Baguio. For 2022, the CSC hosted an episode with a team from the University's Office of Counseling and Guidance on their research entitled "UP Baguio Students' Level of Well-Being during the CoVID-19 Pandemic: An Assessment towards Innovating a Strength-Based Guidance Program," which has since been published through The Guidance Journal, produced by the Philippine Guidance and Counseling Association, Inc.

## The Cordillera Review

In terms of publications, 2022 also saw the publication of three issues of the University's academic journal, *The Cordillera Review*. Prof. Grace Celeste Subido of the Department of Language and Literature, College of Arts and Communication, served as editor-in-chief for a special issue on death and related topics. Prof. Oscar V. Campomanes of the Ateneo de Manila University spearheaded the production and release of the journal's 2022 double-issue volume, with articles that provided insights into various aspects of Philippine culture and society, such as the past and present performances of Cordillera culture, indigenous education and the formation of the Vigan heritage charter, among others. All issues released in 2022 are available online through *The Cordillera Review's* website at [thecordillerareview.upb.edu.ph](http://thecordillerareview.upb.edu.ph) and in print through the Museo Kordilyera bookshop or the Center's virtual storefronts on Lazada and Shopee.



# Museo Kordilyera (MK)

The Museo Kordilyera of UP Baguio is an ethnographic museum dedicated to the preservation and enrichment of the indigenous cultures of the Cordillera Administrative region and its neighboring areas in Northern Luzon.

The MK conducted an API research project entitled “Mapping Cordillera Material Culture: Building Museo Kordilyera’s Educational Resource through Ethnographic Research and Collections Year 2”. The MK together with funding assistance from CHED held the Museum Management Training Year 2 Webinar Series, which was followed by a face-to-face training and technical consultations. The MK also launched the 2023 MK Calendar with the theme “Pasiking: Native Backpacks of the Luzon Cordillera”. MK staff also had a benchmarking and museum visit to the Ayala Museum.

In February 2022, the MK setup a “Macli-ing Dulag mini-exhibit”. For the Ibag-iw Festival, the MK had a “Habi: Ikat of the Cordillera mini-exhibit”. In October 2022, The Museo Kordilyera (MK) reopened to the public since the pandemic started. In December, the MK launched the “Pasiking: Native backpacks of the Luzon Cordillera” mini exhibit.

The MK was also visited and benchmarked by various organizations and universities. The MK was visited by Ambassadors, namely German Ambassador - Anke Reiffenstuel, British Ambassador – Laure Beaufils, Canadian Ambassador - Peter MacArthur, and Indonesian Ambassador - Agus Widjojo. Various artifacts were also donated and loaned by friends of the museum.



MK-CHED held the Museum Management Training Year 2 Webinar Series



API research project “Mapping Cordillera Material Culture: Building Museo Kordilyera’s Educational Resource through Ethnographic Research and Collections Year 2”



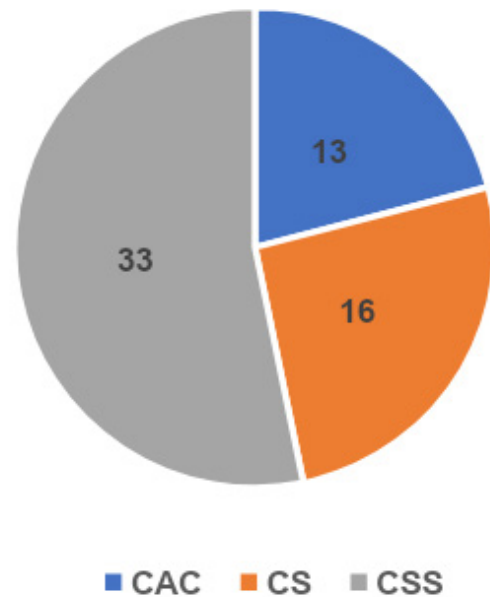
Ibag-iw Festival “Habi: Ikat of the Cordillera mini-exhibit”

# Strong Extension and Public Service

On extension work, the University recorded a total of 62 training programs, seminars, lectures or workshops. The CSS had the highest number of training programs for this year, accounting for half of all seminars and trainings in 2022. This was followed by the CS with 16 seminars / lectures and by the CAC which only had 13 lectures / seminars in 2022 (Fig. 26).

The 33 trainings / lectures organized by the CSS were focused on its Museum Management Training Program for HEIs. This training program was organized in collaboration with the Commission on Higher Education and is in its 2nd year of implementation. This training program consisted of 21 training days which were held from March to August 2022 and attended by an average number of 164 participants.

Fig. 26: Number of Trainings / Workshops / Seminars Conducted in 2022 by College



**YEAR 2**

**Level 3: MUSEUM MANAGEMENT TRAINING FOR HEIs**

**Technical Assistance Program**

October-November 2022

**Email: [museokordilyera.upbaguio@up.edu.ph](mailto:museokordilyera.upbaguio@up.edu.ph)**

**<https://museokordilyera.up.edu.ph>**

The College of Science offered its yearly extension activity, the Summer Institute in the Natural Sciences and Mathematics which was held on 6-27 April 2022. With the theme of "Upgrading Senior High School Science and Mathematics Education: Content and Competency Part 2", the Department of Biology, Department of Mathematics and Computer Science, Department of Physical Sciences and the Human Kinetics Program offered different online talks on various interesting topics thru Zoom and Youtube streaming. It is the goal of the SINSM to have educators learn, unlearn and relearn science concepts and appropriate techniques that hopefully will further enrich their roles as educators and/or science practitioners. There were over 1800 participants.

The College of Science, in cooperation with CS organizations, celebrated the National Science and Technology week with the theme, "Agham at Teknolohiya: Kabalik at Maunlad at Matatag na Kinabukasan" with panel discussions on impactful science researches, science exhibits and more. A variety of discussion topics included monitoring environments using artificial intelligence, modelling physiological processes, mitigating natural disasters, innovations in science laboratories, developing smart devices, creating smart cities and interpreting indigenous dances. Held on 21-26 November 2022, the event was attended by over 200 participants who were educators, science practitioners and students.

On linkages and partnerships, the Department of Mathematics and Computer Science (DMCS) and the Kanazawa University of Japan launched the seminar on Number Theory and Algebra in August 2022. The Science Research Center (SRC) also partnered with Nouveaulab Asia Corp. in organizing a training/workshop on basic microscopy and enzyme-linked immunosorbent assay (ELISA) held in December 2022.

Under the CSS, the Social Science Research Extension and Institute (SSREI) and the Lecture Series Committee continued with several online and hybrid lectures, webinars, and training sessions in 2022. The SSREI conducted two lectures and a training program in 2022. In October 2022, the SSREI took its services to Bokod, Benguet to deliver a training and seminar on Basic Facilitating Techniques to the Heads of Offices and Employees of the Bokod Local Government Unit.

Following its tradition from last year, the College organized the 113th Baguio Charter Day Anniversary Lectures as UP Baguio's contribution to the annual Baguio Day celebration. The lectures featured the researches of UP Baguio Faculty on topics ranging from safety and security in Baguio City to biodiversity and ecosystem of the city, and Baguio as a Creative City.



Register via Link!

## 113<sup>th</sup> Baguio Charter Day Anniversary Lectures

09 September 2022 Friday, 8:30AM to 4:00PM via Zoom and Facebook Live

**Baguio as a Resilient City**  
Alejandro N. Ciencia, PhD, UP Baguio

**Baguio as a Safe City: Residents' Perceptions on Crime and Safety**  
Rozel Balmores-Paulino, PhD, UP Baguio

**A Glimpse of the COVID-19 Variants of Concern in Baguio City**  
Rizavel C. Addawe, PhD, UP Baguio

**Baguio City and its Remaining Green Spaces**  
Zenaída G. Baoanan, PhD, UP Baguio

**Moderator**  
Mr. João Paolo Reginaldo, UP Baguio

This event is hosted by The College of Social Sciences University of the Philippines Baguio

Find us @css.upbaguio

Register via Link!

## 113<sup>th</sup> Baguio Charter Day Anniversary Lectures

09 September 2022 Friday, 8:30AM to 4:00PM via Zoom and Facebook Live

**Baguio and its Pine Forest Fragments and Wildlife**  
Aris A. Reginaldo, PhD, UP Baguio

**The Creative City as a Path Towards Sustainable Urban Development**  
Verna Liza D. Bautista, UP Baguio

**The Cultural Mapping Project of the City of Baguio**  
Ar. Donna R. Tabangin, Baguio City Planning and Development Coordinator

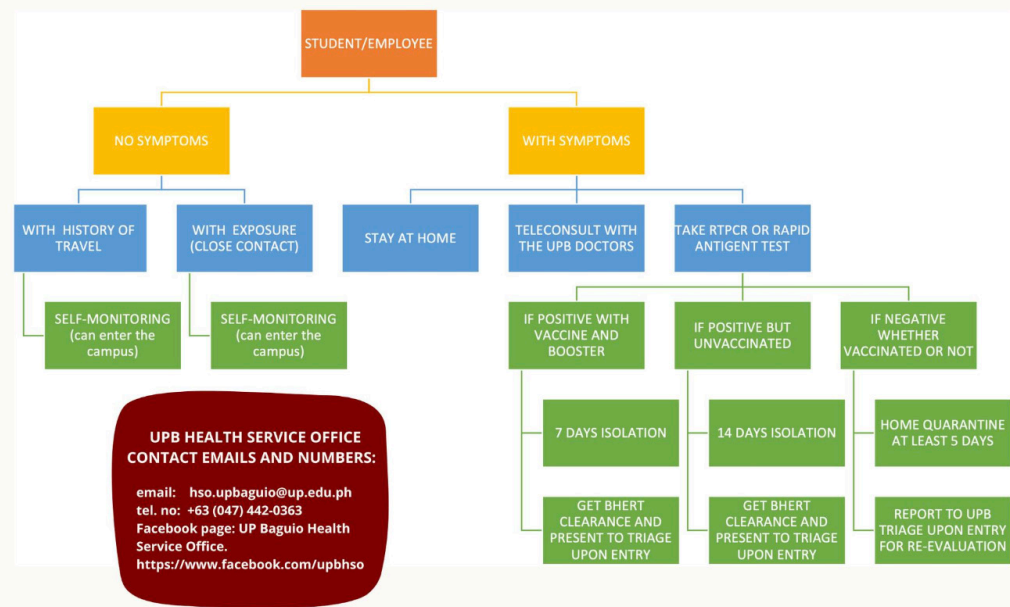
**Moderator**  
Mr. João Paolo Reginaldo, UP Baguio

This event is hosted by The College of Social Sciences University of the Philippines Baguio

Find us @css.upbaguio

In anticipation of the gradual reopening of the campus in the second half of 2022, the OPA spearheaded the drafting of the Crisis Communication Plan and Information Materials. The plan contains a series of guidelines and protocols for communicating on man-made and natural disaster, health: COVID-19, etc. (pre-crisis or preventive information materials, during crisis, and post-crisis information). Communication materials were developed for man-made and natural disasters and the OPA was able to develop a number of posters for print and online, and video clips for COVID-19 protocols. All of these materials are posted on FB and the UPB website (old and new).

**UP BAGUIO COVID-19 DECISION TOOL**



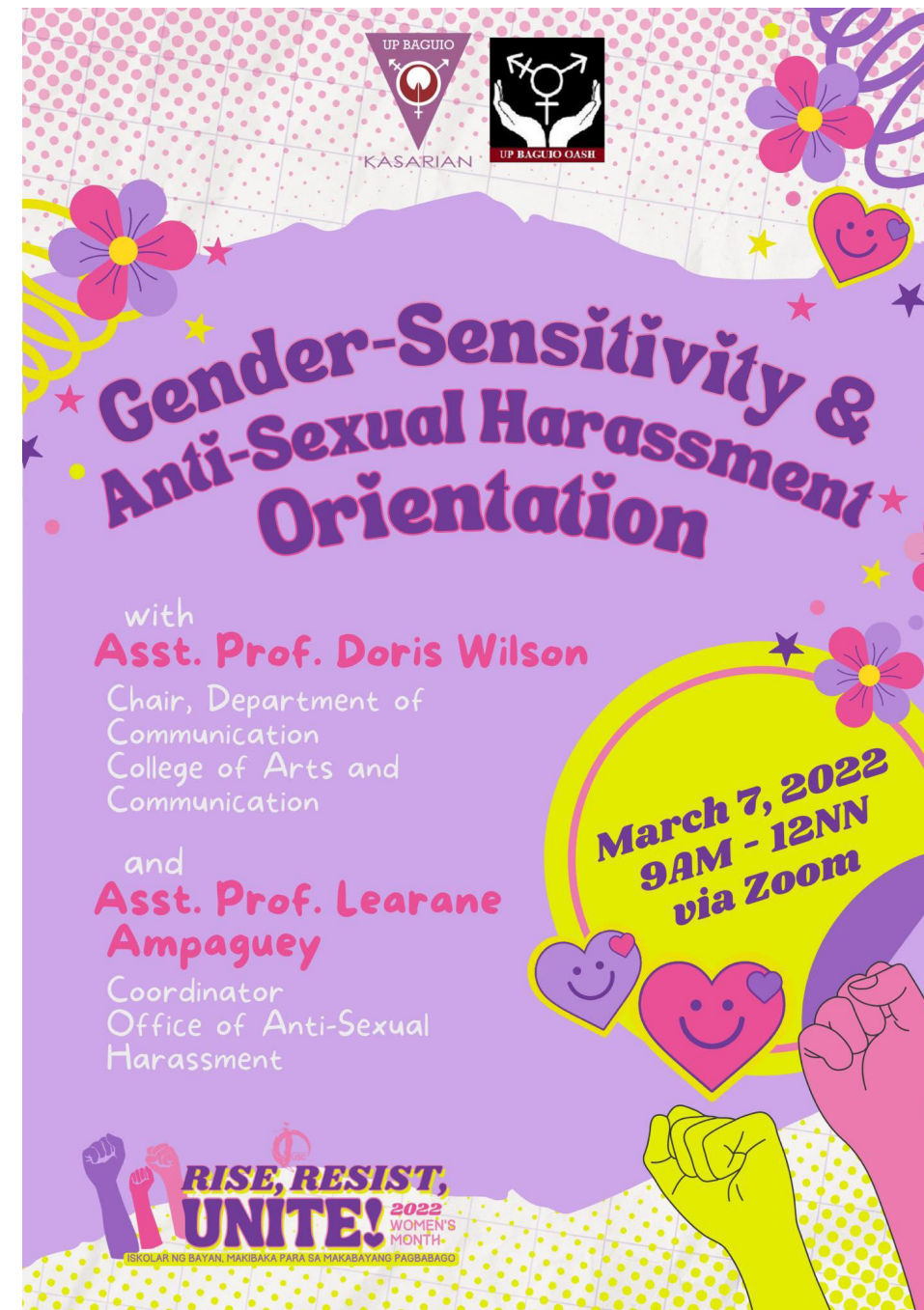
The OPA Director also served as Vice Chair of the Crisis Management Committee of the University. In this capacity, the Director was able to draft the Crisis Management Committee guidelines and protocols. This document contains the following: operational definition of crisis for each incident, inclusion of Special Concern: red-tagging, organizational structure, roles of members, actions for pre, during and post-crisis, incident report template, and others. This document was presented to the Executive Staff and subsequently approved.

Using its API allocation, the OPA was able to update the UPB Alumni database. The OPA was likewise on top in developing the UP Baguio website. In 2022, the website was updated and new content is currently being developed. This new website is now being pretested for ease, access, interface design, back-end access, and other possible issues.

In public service the OPA did regular postings on the COVID-19 in the UPB FB and UP website accounts which included average attack rate and updates on cases. This was posted every Monday of the week. It also posted dengue updates; alert level declarations (real-time posting); special occasion postings and fact-checking with Tsek.ph.

As support to other offices, the OPA provides information dissemination support to the Colleges, Pahinungod, OUR, OSA, etc., as well as from other CUs. It also assists other offices in layout and editing of programs like the 2022 Graduation program.

In the AUN-QA assessment of the BS Mathematics and BS Management Economics programs, the OPA did the layout and editing of the AUN Playbook for both programs as well as the video script and concept for institutional facilities of UPB which were part of the AUN assessment.



The Kasarian is the Gender Studies program of the University. It champions gender equality and to meet its goals, it focuses on advocacy and policy. Annually it conducts two prominent campaign periods, namely, Women’s Month in March and the 18-day Campaign to End Violence Against Women (End VAW) which is held from 25 November to 12 December of each year.

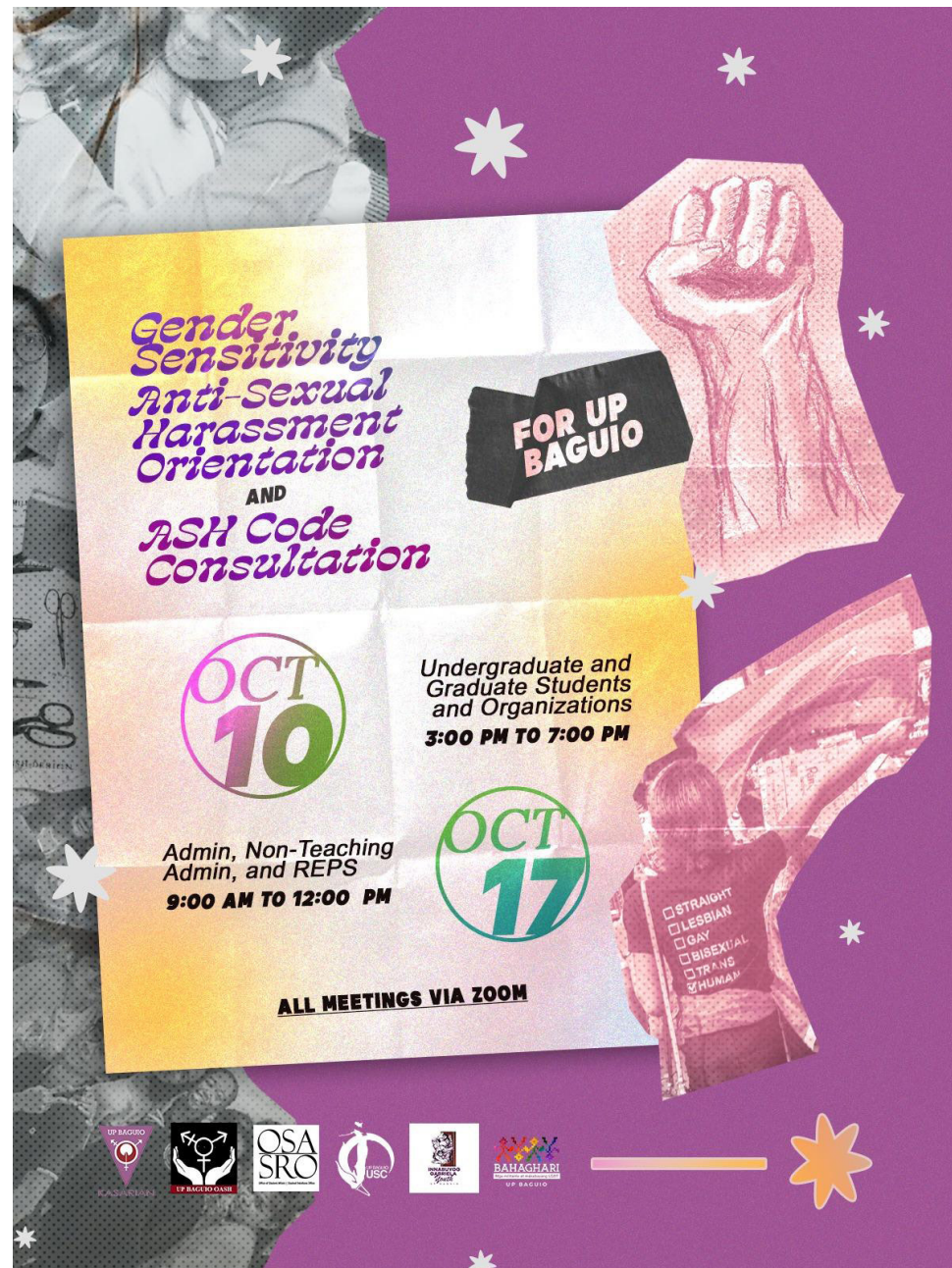
In celebration of Women’s Month, the Kasarian conducted a series of mass orientations on Gender Sensitivity and Anti-Sexual Harassment for various members of the UPB community in March 2022. It also conducted a public forum on Women’s Agenda and Governance Issues (WAGI) Pantatavalan: Discourses on Women, Governance, and Development Issues, with women community leaders and women local candidates on the women’s agenda for the 2022 Baguio City local elections. This event was in collaboration with the Cordillera Women’s Education Action Research Center (CWEARC) and the UP Baguio All UP Academic Employees Union (AUPAEU).



For its End VAW advocacy, Kasarian held a series of consultations and research/data-gathering efforts with the UP Baguio community for the revision of the UP-ASH (Anti-Sexual Harassment) Code in October to November 2022. This was conducted in partnership with the UPB Office of Anti-Sexual Harassment (OASH) and the UPB University Student Council and is part of a system-wide effort to gather constituents' inputs on the proposed revisions. The ASH Code Consultations were also conducted with Gender Sensitivity Orientations.

The Kasarian also serves as the Gender and Development (GAD) office of the University. In this capacity, Kasarian drafts the Gender Plan and Budget (GPB) and compiles the Gender and Development Accomplishment Report (GAD AR) of the university. It also coordinates with the UP Center of Women's and Gender Studies (UP CWGS) in order to fulfill its GAD duties to the UP system as a whole.

In February 2022, the Kasarian submitted the GAD AR 2021 to UP CWGS and the local COA. The GAD AR showed that UPB's utilization exceeded the allocation set by GPB 2021 (43.60% total allocation utilized versus 22.09% total allocation). This increase can be attributed to the infrastructure expenses which were not taken into account during the drafting of the GPB (Gender Plan and Budget) 2021. In October 2022, it submitted the GPB for FY 2023.



## Ugnayan ng Pahinungod

The Ugnayan ng Pahinungod is the volunteer service program of the University of the Philippines. The program aims to (1) lead in innovative and transformative engagements as the public service university committed to the empowerment of people and selfless service to the nation and (2) provide opportunities and other platforms for mutual development of volunteers and underserved communities. In particular to UP Baguio, Pahinungod aims to be highly visible in the communities of the Cordillera through volunteer activities that make UP education available and accessible to the youth of this region.

During the first few months of 2022, Pahinungod Baguio's flagship program, EDUKaravan, was conceptualized with two main components: teachers' training in pedagogy and content areas, and students' academic improvement in different learning areas. Through the EDUKaravan, Pahinungod Baguio reached four schools, and conducted a total of 21 training, seminars, and/or workshops for students and teachers. The EDUKaravan maximizes the time spent by the volunteers in an area through the line-up of activities for the teachers and students.

The pilot implementation of EDUKaravan in Sagpat Integrated School (SIS), Brgy. Sagpat, Kibungan, Benguet ran for three days on 22-24 April. Subsequent EDUKaravans were held in Ampucao National High School for teachers' training, and in Sevilla Elementary School and Lingsat Integrated School with teachers' training on contextualization, action research, stress management, and storytelling for children. In September 2022, Pahinungod Baguio returned to SIS to provide students with follow-up training in campus journalism and lecture-workshops in scientific investigation and mathematical investigation.

**Storyaan sa Elyu**  
Storytelling with Grade 1 students

**EDUKaravan sa San Fernando**  
8 June 2022 - Sevilla Elementary School  
9 June 2022 - Lingsat Integrated School

**Teachers' Development Program**  
Dr. Giovanni M. Malapit, College of Science, UP Baguio  
Prof. Junley L. Lazaga, College of Arts and Communication, UP Baguio

*Pilot implementation of EDUKARAVAN in La Union*



In time for the opening of applications for the UP College Admissions (UPCA) 2023, Pahinungód Baguio launched the Tangguyob, the University’s Affirmative Action Program. Through the Tangguyob, Pahinungód staff and volunteers reached out to schools in the six provinces of the Cordillera region to carry out career orientations and UPCA orientations to Grade 11 and 12 students. Nineteen volunteers were divided into teams that visited different high schools in Abra, Apayao, Benguet, Baguio City, Kalinga, Mountain Province, and Tabuk City. A total of 31 schools and 3023 students were reached.



Before the year ended, Pahinungód Baguio was invited to be part of the “Sustaining STEM Ed Project” of the Cordillera Regional Science High School. Four faculty volunteers took part in the said lecture series to facilitate training for students on mathematical investigation and statistical tools.

The year 2022 also marked many partnerships with new schools in Northern Luzon. UP Baguio, through Pahinungód Baguio, signed Memoranda of Understanding with three Baguio schools—Pines City National High School, Bakakeng National High School, and Pinsao National High School—and two La Union schools—Lingsat Integrated School, and Sevilla Elementary School.

On community engagement, Pahinungod sent a cash donation of P80,000.00 to UP Cebu to help in purchasing relief packs to families affected by typhoon Odette. After the 7.0 magnitude earthquake that hit Abra, Pahinungod mobilized a donation drive in coordination with other Pahinungod offices in other campuses. A total of P178,277.00 was raised to buy goods and these were distributed to the earthquake victims by a Pahinungod team who also conducted psychological first aid for children affected in this calamity.



**AGYAMANKAMI!**

The Ugnayan ng Pahinungód Baguio extends our outmost gratitude to our donors and volunteers for providing economic assistance and psychosocial emergency response to the earthquake-affected communities of Brgys. Lingey and Lamao in Bucloc, Abra.

Total Cash Donations Received	<b>Php 164,277.90</b>
# of Relief Packs Distributed	<b>120</b>
# of Children Given PFA	<b>129</b>

As a volunteer service program, Pahinungod Baguio highly recognizes the efforts of its volunteers in delivering services to our areas in Northern Luzon. To help volunteers improve their skills, Pahinungód Baguio regularly conducts pre-deployment training and expectation checks with all the volunteers participating in an activity. After deployment, Pahinungód Baguio conducts debriefing and assessment sessions with the volunteers to discuss the overall conduct of an activity and points for improvement. Aside from pre- and post-deployment activities, Pahinungód Baguio also conducts regular volunteer training on specific skills that are crucial when volunteering with Pahinungód Baguio. To show its appreciation to its volunteers, the Pahinungod designated a Volunteer Appreciation Day where volunteers and their commitment to volunteerism were recognized.



*Pahinungód volunteers, directors, and staff meet for a pre-activity orientation before the psychosocial first aid sessions for children of Lingey, Bucloc, Abra.*

The Office of Anti-Sexual Harassment is constantly prepared to provide support services to members of the UPB community at any time in compliance with the UP-ASH Code (2017). OASH was able to acquaint all new and continuing members; carry out the ASH orientation, revision and consultation; work with other support service offices; and manage cases for the fiscal year 2022. Every member of the UP community must attend the ASH Code Orientation once every three years. A student's curriculum, personnel choices involving employment, tenure, and promotion, service contractor accreditation, and partner entity engagements are all subject to ASH Code Section 30 (2017, 2018). Hence, a total of 1,228 members of the UPB community, including students, faculty members, non-teaching administrative staff, utility and security personnel, and all other workers employed under contract, successfully attended, and participated in the ASH Code Orientation from March-November 2022. Specifically, 995 students from the three colleges (CAC, CSS, and CS) participated in three scheduled orientations spread throughout the academic year. This covers all freshmen students and fourth year graduate and undergraduate students, officers and members of student organizations and students enrolled in NSTP and mentorship programs. New and returning faculty members also joined the orientation with a total of 135 attendees. A total of 85 administrative staff also participated along with 47 utility personnel and 45 security personnel.

In light of the passing of RA No. 11313 (Safe Spaces Act) and in response to a number of gender-based violence-related issues and concerns that have surfaced but are not addressed by the current Code, an update to the ASH Code is necessary to ensure the continued protection of the UP Community. UPB participated in the System-Wide Revision of the Code. The UPB community as a whole participated in the round of consultations from September to November 2022. Drafts of the consultation's comments were sent to the AD Hoc Committee (UP Diliman) for synthesis prior to the approval of the revised Code.

All cases handled by the OASH were resolved and treated with utmost confidentiality and reasonable time expectations. The office will continue to look out for the community members as it supports the university's commitment to upholding the dignity of every person and ensuring that every member of the UP community is treated with full regard for their human rights (ASH Code Section 1 2017,1).

In celebration of the 31st National Arts Month, the CCA held the Demja Webinar, entitled "Translating the Textual: Virtual Literary Programs and Publications in a Pandemic" which was held 28 February 2022 via Zoom and YouTube Live. Demja is an Ibaloi term which means "(to) open the eyes after a long time." The Demja webinar is held yearly in February of each year and aims to create an online venue for discussing issues surrounding art, culture and the environment.



In celebration of Women's Month, a virtual lecture on curatorial practices in the area of musicology entitled, "Curating Art as Expanded Practice" was held on 25 April 2022, featuring guest lecturer Dr. Dayang Magdalena Nirvana T. Yraola where she shared her experiences on traditional art media, new media, archives, sound art, ethnomusicology, among others, as a curator, artist and as a scholar.

In celebration of the National Literature Arts Month, the CCA held the "Paghuhulagway sa Ili" or Imagi(in)ng the Ili in Literature on 16 May 2022 which was moderated by Professor Emeritus Priscilla Macansantos and Mr. Joao Paulo Reginaldo, faculty of UP Baguio.



# UPB Social Innovation Laboratory and Business Inclusion (SILBI)

In 2022, the Social Innovation Laboratory and Business Inclusion (SILBI) at the University of the Philippines Baguio achieved significant milestones in its mission to promote innovation and entrepreneurship in the Baguio communities and the Cordillera Administrative Region (CAR).

One of the key accomplishments was the establishment of an interdisciplinary team for SILBI TBI (Social Innovation Laboratory and Business Inclusion Technology Business Incubator) in March 2022. This team consists of dedicated professionals from diverse fields, this interdisciplinary team underwent a one-year training program, culminating in the completion of the Higher Education Institution Readiness for Innovation and Technopreneurship (HEIRIT) Program.

Following the training program, SILBI successfully applied for and received a 14M grant from the Department of Science and Technology - Philippine Council for Industry, Energy, and Emerging Technology Research and Development (DOST-PCIEERD) in November 2022. This grant reflects SILBI's commitment to pioneering innovative research and projects, building bridges with stakeholders, and contributing to the development of a vibrant ecosystem for entrepreneurship.



UP Baguio in the MOA and MOU signing of the newly approved project under DOST-PCIEERD

Throughout the year, SILBI actively engaged in various initiatives, including joining the Regional Startup Ecosystem Consortium of TBIs named The Technological Consortium for Awareness, Readiness, and Advancement of Knowledge in Innovation - Cordillera Administrative Region (TARAKI-CAR). This consortium aims to cultivate innovators and create sustainable innovative solutions to societal problems.

SILBI's commitment to the mission and vision of the University is evident in its focus on public service, particularly in solidarity with the indigenous peoples of the Cordillera, the poor, marginalized, and vulnerable communities. The vision of SILBI as the hub for innovation and entrepreneurship in Baguio City and the Cordillera region aligns with the broader goals of UP Baguio.

Looking ahead, SILBI plans to organize a pool of mentors, venture capitalists, and investors, demonstrating its dedication to effective operation and successful incubation of nascent businesses in the region. The program's activities, such as the business pitch contest, bootcamps, workshops, networking events, and webinars, are designed to provide opportunities for aspiring entrepreneurs, fostering a vibrant ecosystem for innovation and entrepreneurship.

In summary, SILBI's accomplishments in AY 2022 reflect its dedication to advancing innovation, building collaborative partnerships, and contributing to the economic development of Baguio City and the Cordillera region. The team looks forward to further supporting and shaping the entrepreneurial landscape in the coming years.



(from left to right) Engr. Aris Romare (DOST-PCIEERD), Dr. Pepita S. Picpican (DOST-CAR), Dr. Ma. Easter Joy V. Sajo (SILBI TBI Manager), Dr. Corazon L. Abansi (Chancellor, UP-Baguio), Dr. Roland Hipol (TBI Member), Dr. Rosemary Guterrez (Vice Chancellor for Academic Affairs, UP-Baguio), Prof. Cecilia Fe Sta. Maria-Abalos, PhD (previous TBI Member), Ms. Russell M. Pili (DOST-PCIEERD), Mr. Miguel Carlo Guillermo (Project Leader, UP-GRADE), Mr. Andrew Wong (E3 HUBS), Dr. Lyre Anni E. Murao (Chancellor, UP-Mindanao), Mr. Nestor Nisperos (Animo Labs, DLSU), Dr. Luis Sison (UP-SCALE, UP-Diliman)





# Competent Leadership and Administration

In 2022, the Administration continued to sustain efforts to ensure that operations of the University will proceed in a timely and effective fashion and to efficiently manage its resources.

## ➤ Digital Infrastructure

### ☛ System Network Office (SNO)

The Systems and Network Office (SNO) is charged with overseeing UP Baguio's Information and Communications Technology (ICT) infrastructure. The primary responsibilities of the office and its personnel are: 1) Network Operations, 2) Computer Equipment Maintenance and 3) General ICT Helpdesk and Technical Support. In addition to this, the SNO also ensures the smooth day-to-day running of the UPB Campus Network.

The UP Baguio Local Area Network is currently powered by enterprise class Direct Leased Line and Asymmetric DSL Internet connections. Enterprise Fiber Optic connection bandwidth is at 212-360Mbps provided by UP System via ConvergeICT. UP Baguio is also connected to iGovPhil via the iGovNet, which provides a 1 Gbps Shared Fiber Optic connection free of charge. UP Baguio was selected as a Point-Of-Presence (POP) of DICT in the region and is physically hosting the fiber optic interconnecting hub linking many other agencies in the area. Moreover, there are two (2) additional concurrent ADSL connections from Globe at 50Mbps to help handle most of UP Baguio's other, non-critical downstream traffic. A 20Mbps ADSL link from Globe separately powers the UPB Dorm Lobby.

As of December 2022, UP Baguio's web presence is currently being maintained and expanded, and is now composed of the following:

- UP Baguio main website (new)
- Office websites: CSC, GPO, OCG, DIC, BAC, CCA
- Library websites: DSpace / Faculty Research Database, Main Library 1 and 2, iLib/OPAC
- Colleges websites: CAC, CS, CSS, DMCS, IM
- LMS websites: VLE2, VLE3, LRC, GE Portal
- Special websites: Museo Kordilyera, Herbarium, TLDC, CHEDCARUPB, MinasDB, TiSimilla, The Cordillera Review
- Other websites: SNO-Helpdesk, UPB-Infra. Additional websites or webservers are in the pipeline for future deployment.

During the first quarter of 2022, the SNO facilitated the installation of a new UPBVLE2 (Virtual Learning Environment) to cater to the remote learning needs of the university which is capable of serving a maximum of 3000 simultaneous users. This facility is powered by Open-source Moodle software and is now locally hosted on campus for better economy and accessibility for its users (UPB students and faculty). The UPBVLE2 continues to serve the virtual Learning needs of UPB faculty and students, handling a daily average of more than 1800 users. The UPBVLE2 also now features useful software/service integrations such as TurnItIn LTI, Google Assignment LTI, Zoom LTI, EdPuzzle LTI, among others, and is upgradeable and expandable for future use.

On Internet connectivity, the network utilization of UPB LAN was expectedly reduced beginning March 2020, but has since seen a steady recovery in network activity in 2022 due to alternative working arrangements used by different offices on campus, as well as the conduct of online classes. On a typical



workday, the UPB Network handles between 100-200 registered WiFi users on the network, in addition to regular office LAN computers. UP Baguio's 212-360Mbps leased line connectivity to ConvergeICT is the main pipeline connecting the campus to the Internet. Backup or fail-over connectivity is handled by an iGovNet leased line and Globe's ADSL network as of January 2022. Better WiFi AX and AC equipment have been installed to supersede or complement the older WiFi N equipment to cater to the growing demand for wireless connectivity on campus.

The SNO also upgraded the IT facilities in the campus in 2022 which included the following:

1. Installation or upgrade of LAN and WiFi access points all over the campus to facilitate AUN program assessment activities.
2. Installation UPBVLE2 server at SNO
3. Re-structuring and layout of Computer units and LAN connections at the Main Library computer and OPAC areas, College office, and faculty areas, as well as in other UPB offices/departments and spaces.
4. Installation of new Desktop Computer units, Laptop Computer units, printers, scanners and other ICT equipment (various brands) at different departments/offices within the campus.
5. Ongoing installation of additional facilities and equipment (i.e. servers, managed POE switches) for UPB campus network, as well as various on-campus project sites/offices.
6. Regular software upgrades of current UPB next generation firewall appliances as well as perimeter firewalls, proxy servers, content filters, DNS and DHCP servers.
7. Server Deployments in Virtualized Machine environment to maximize the available server resources for locally hosting and running UPB websites and/or webservers.

### ☛ Digital Innovation Center (DIC)

The UP Baguio Digital Innovation Center (DIC) was established in October 2022, upon the approval of the UP Board of Regents of its creation during its 1,371st meeting on 9 June 2022. It is under the supervision of the AVCA (Assistant to the Vice Chancellor for Administration) for Network Infrastructure and Procurement with the following functions:

- To upgrade and maintain the ICT services of the University. This includes upgrading equipment, information systems, and network, as well as providing training to users.
- To acquire and implement ICT equipment and service upgrades.
- To adopt UP-developed information systems appropriate to the University's needs and functions.
- To make the University more interconnected. It will be geared towards improved resource utilization and facility management, for a more efficient and secure campus.
- To advise appropriate equipment to be acquired and to install smart campus services.

Within a few months of its institution, the DIC was able to achieve the following:

#### 1. Configuration & Deployment of the Aruba Campus Network

The Aruba Wi-Fi Campus Network comprises 77 Aruba Access Points (APs), provisioned by 2 controllers and powered by PoE switches, strategically located in all the buildings of UP Baguio. It was provided and installed by the UP System in 2017 and was successfully configured and deployed in October, 2022, by the DIC and the SNO.

The Aruba Wi-Fi Campus Network provides a single, unified and centrally managed Wi-Fi network for UP



Baguio constituents that spans Wi-Fi access across the campus including the Ladies Dorm and the walk-up apartments. Faculty, REPS, administrative staff, and students can now maintain seamless connectivity when roaming from one building to another.

## 2. Eduroam

Eduroam is an international Wi-Fi roaming service for users in research and higher education, that provides researchers, faculty, staff, and students with automatic connection to Eduroam Wi-Fi APs when visiting participating universities and research institutions locally and internationally. Eduroam is available in 106 territories worldwide. A total of 37 Eduroam locations are in the Philippines and UP Baguio is the first institution to have Eduroam service in Northern Luzon.

The existing 'eduroam' (actual SSID), originally with 4 Ruckus APs, has now been integrated and deployed together with the Aruba Wi-Fi Campus Network. Visitors with Eduroam accounts can connect anywhere in the campus where Aruba APs are installed.

## 3. DIC and BAC Websites

The DIC website (<https://dic.upb.edu.ph/>) provides information on IT-related services available to the UP Baguio community. It features real-time monitoring tables, graphs and data on the Aruba Wi-Fi system. It also contains guides on Wi-Fi connection and assists users for IT-related concerns.

On the other hand, the BAC website (<https://bac.upb.edu.ph/>) facilitates procurement through posting of bid results and procurement opportunities such as bid opportunities and requests for quotation. It also signifies that UP Baguio practices transparency in government procurement.



# Financial Offices

## ➤ Accounting Office

Among the notable accomplishments of the unit for FY 2022 is the high Disbursement Budget Utilization Rate of 98% for Personnel Services (PS) and 86% for Maintenance and Other Operating Expenses (MOOE). The Accounting Office was also able to follow up and consolidate the compliance of UP Baguio to the recommendations contained in the COA Audit Observation Memorandum (AOM) for years prior to FY 2022. There were 33 prior years audit recommendations; 23 of these recommendations were fully implemented while the remaining 10 were partially implemented.

The Accounting Office was also able to prepare and file timely tax returns and remittances of taxes withheld from suppliers and employees of UP Baguio. Because of this, the University of the Philippines Baguio received a Certificate of Appreciation from the Bureau of Internal Revenue which was awarded on 9 March 2023.

Out of the more than 2M Reconciling Billing Issues on GSIS premiums issued by GSIS for the period covering November 2007 to January 2022, the Accounting Office was able to reconcile the 65 percent of discrepancy in records between UP Baguio and GSIS reducing the amount to approximately P 600,000 only. Continuous effort will be made to fully reconcile the premium payments.

The Financial Reports for FY 2022 were submitted on time to COA and DBM as commended by the COA State Auditor during the Exit Conference for Fiscal Year 2022.

The support of the unit to Research and Development Projects of UP Baguio is remarkable as the office was able to liquidate eight (8) completed R and D projects in 2022.

## ➤ Budget Office

The Budget Office started the digitalization of its financial documents, reports, budget proposals, Internal Operating Budget, and other financial records (from 2010 onwards). It also attended a benchmarking activity on "best practices" done on the processing of DVs, reports, on procurement activities and other financial documents with our counterpart at UPLB on 13 July 2022 together with the Accounting, Cash, SPMO and HRDO Offices

On the FY 2022 GAA utilization rate, the Budget Office reported that out of the PhP 368,899 million appropriation for FY 2022, 78% were obligated and utilized, broken down into the following expense class:

Expense Class	Appropriation	Obligation	OBUR (Obligation/ Appropriation)	Disbursement	DBUR (Disbursement/ Obligation)
Personnel Services (PS)	322,264 million	242,025 million	76%	238,055 million	99%
Maintenance, Operating and Other Expenses (MOOE)	46,635 million	44,091 million	95%	37,741 million	86%
<b>TOTAL</b>	<b>366,899 million</b>	<b>286,117 million</b>	<b>78%</b>	<b>275,796 million</b>	<b>97%</b>



## ➤ Supply and Property Management Office (SPMO)

As a support unit of the University, the SPMO is in charge of the acquisition of properties and equipment, its utilization and disposition of unserviceable or equipment which are no longer needed.

For the year 2022, a report for the accomplishment of the office is as follows:

1. On the Consolidated Procurement Monitoring Report for the period 2022, of 550 total number of procurement activities, 533 contracts were awarded equivalent to 96.9% completion rate.
2. Of PhP 78,749,157.02 total amount of approved APP, the total amount of contracts awarded is PhP 71,228,627.76, equivalent to 90% completion rate.
3. Based on our Agency Procurement Compliance and Performance Indicator Self-Assessment Form, the SPMO satisfactorily complied with an average rating of 2.27 out of 3 for GPPB requirements.
4. On staff development and continuing education, 3 SPMO personnel passed the Public Procurement Specialist Certification Course, Level 1 which was held in July and October 2022.
5. To address the discrepancy between Accounting and SPMO records for property, Plant and Equipment, one personnel each from the Accounting Office and the SPMO were able to finish reconciling the records to address the COA findings of unreconciled balances.
6. Finally, a clean-up drive was conducted to dispose and haul unserviceable properties.



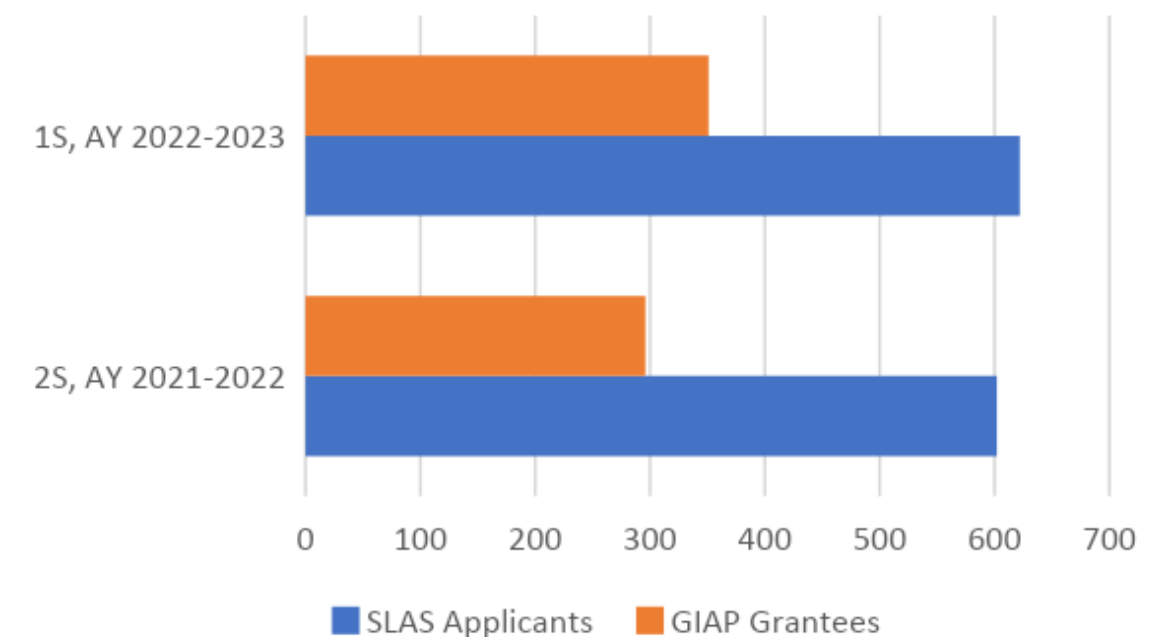
## Student Services and Welfare

The Office of Student Affairs (OSA) is committed to ensuring and improving the provision of student services. It supervises the programs and activities implemented by the Office of Scholarship and Financial Assistance (OSFA), Office of Counseling and Guidance (OCG), Health Service Office (HSO), Student Relations Office (SRO), and UP Baguio Residence Hall (UP-BREHA). The Director of OSA also chairs the Occupational Safety and Health (OSH) committee, the UP Baguio Committee on Scholarship and Financial Assistance (BCSFA), and the Office of Auxiliary Services (OAS).

### ➤ Office of Scholarships and Financial Assistance (OSFA)

The OSFA ensures adequate, reliable financial support for students in need to achieve their academic goals. Among the financial assistance programs implemented by the University is the Student Learning Assistance System (SLAS) Online, from which Grants-in-Aid-Program (GIAP) grantees are selected among the applicants. In 2022, 647 GIAP grantees (52.86% of SLAS Online applicants) received PhP 5,000 per academic month for the second semester, AY 2021-2022 and the first semester, AY 2022-2023 (Figure 27).

Fig. 27: Grants-In-Aid-Program grantees for FY 2022



It is also through the SLAS Online that students who qualify for the UP System Learning Assistance Grants (gadget and internet subsidy) are determined by the BCSFA. In 2022, a total of 67 grantees benefited from the Learning Assistance Grants.

Various scholarships are offered per semester, and in 2022, there were 400 recipients of these scholarships (Table 21), of which DOST led in the number of scholarship grantees.



Table 21. Profile of scholarship grants

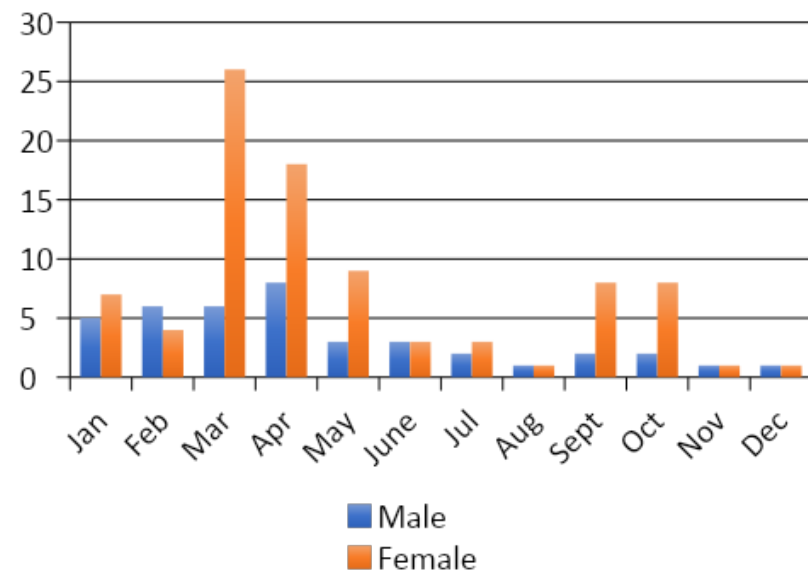
Name of Scholarship	Number of Recipients	
	2nd sem 2021-2022	1st sem 2022-2023
Government: (UP)		
UP Presidential Scholarship (undergraduate level)	9	8
UP Presidential Scholarship (graduate level)	1	1
UP Presidential Leadership	0	1
Government: (Non-UP)		
DOST Undergraduate Scholarship	358	392
DOST ASTHRDP Graduate/Doctorate	13	8
CHED-Tulong Dunong Program under TES	17	10
Private Scholarship		
Beta Gamma Phi	6	3
Adolfo Suzara Foundation	1	0
NGCP	7	9
UT Foundation Inc.	10	10
UPAA in America, Inc.	1	1
UPAA of Canada (Alberta)	1	1
<b>TOTAL</b>	<b>424</b>	<b>444</b>

Other forms of financial assistance were also available, such as loans like tuition fee loans and the Student/Graduate Assistant (SAGA) Program. The first semester of AY 2022-2023 marked the return of the hiring of Student and Graduate Assistants as the campus reopened after the pandemic. There were 33 student assistants for this period.

### ➤ Office of Counseling and Guidance (OCG)

The OCG through its programs and services is more than ever resolute in the pursuit of a nurturing environment and the wellbeing of students. One of the guidance services conducted by the office is the intake of freshies, with test interpretation and counseling. Program implementation yielded a total of 129 students (Figure 28), a decrease of 1.01% compared to 2021 attributable to online learning modality causing difficulty with in-person access to the service which was the usual platform.

Fig. 28: Distribution of intake by month and sex.



In 2022, there were 1357 cases (418 male, 939 female) addressed through various counseling services (intake of freshies, follow-up, self-referred/walk-in, exit counseling, referred/called-in, group counseling). Overall, counseling activities showed that academic, psycho-emotional, and career issues and concerns are prevalent among clients. Significantly, 6.55% of the cases were related to mental health with clinical diagnosis. In addition, 112 external counselees (students from other CUs, UPB employees, agency employees, alumni) also availed services from the OCG.

### ➤ Health Services Office (HSO)

The HSO maintained its goal amidst the ongoing public health emergency by ensuring the health and well-being of the UPB community. In 2022, a total of 1616 medical-dental services were provided by the HSO. Four hundred ninety-six (496) patients received medical care, and 456 received dental care from the HSO team of healthcare professionals. In addition, the HSO performed pre-participation physical examinations of 94 individuals, encompassing applicants for employment, scholarship recipients, and individuals involved in fieldwork. The HSO also ensured compliance with the physical examination requirements for all students enrolled in the University by examining 385 students.

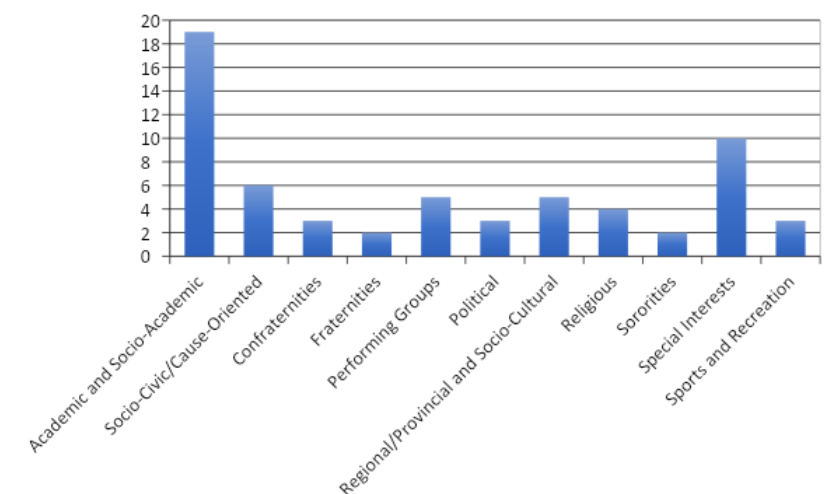
On 28 March-1 April and 4-8 April 2022, the HSO conducted the Annual Medical Laboratory Examination program. A total of 181 individuals (employees, eligible dependents, retirees) participated in the said activity. The annual medical and dental examination included common blood tests, x-rays, ECG and other special tests.

Other programs and activities performed by the HSO are triage and daily health screening and monitoring; OSH-related duties (participation in drafting the UPB Guidelines for the Gradual Face to Face Activities); coordination of the disinfection of offices/classrooms, and walk-through in University facilities; providing updates on COVID-19 protocols; teleconsultation for patients unable to visit the HSO; contact tracing and monitoring; COVID-19 screening using Rapid Antigen Test kits; coordinating transfer of COVID-19 confirmed case; in-campus COVID-19 vaccination roll-out; participation in the UPB DRRM committee fire and safety training; and attendance and completion of Continuing Professional Education activities.

### ➤ Student Relations Office

The Student Relations Officer who is responsible for monitoring all activities by student organizations, reported 149 approved student activities in 2022. Activities ranged from online fora and seminars to mass orientations and income-generating projects. At the start of AY 2022-2023, 62 student organizations were officially recognized (Figure 29).

Fig. 29: Number of officially recognized student organizations for AY 2022-2023 according to category.





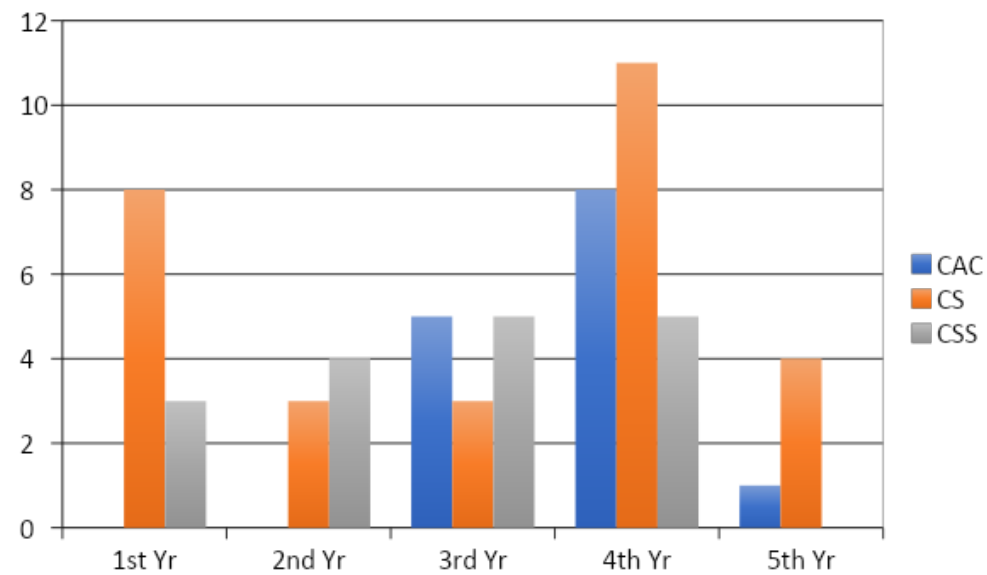
Consistent with the Election Code of UPB, the SRO convened the Committee on Election composed of two faculty members from each College and two student representatives, including four support staff from the Office of the University Registrar, Office of Student Affairs, and the Systems and Network Office. Online elections were successfully held on 20 May 2022 and the new batch of student council officers were sworn into office via Zoom in June 2022.

### ➤ UP Baguio Residence Hall (UPBREHA)

With the reopening of the campus after the pandemic, the UPBREHA accommodated 60 students for the 1st semester AY 2022-2023 (Figure 30). The BREHA residents were from Region I (11), Region II (5), Region III (13), NCR (14), Region IV-A (10), Region V (5), Region VIII (1), and Region XI (1).

A total of 31 guests and transients were accommodated in the UPBREHA (20) and Walk-Up (11) units between November and December 2022. There were no transients from January to October due to the pandemic.

Fig. 30: Profile of UPBREHA residents, 1st Semester AY 2022-2023 according to year level



## Personnel Services and Welfare

The Human Resource and Development Office (HRDO) conducted several activities to enhance welfare of the personnel in the University.

On 06 April 2022, the HRDO conducted an Orientation for new employees held at the Audio-Visual Room of the College of Social Sciences (CSS-AVR).

The orientation covered topics including the UP Baguio Mission, Vision, and Organizational Structure, as well as an overview of the roles and responsibilities of administrative personnel. The session also provided insights into HR Guidelines related to the use of the locator, biometrics, ID issuance as well as the administrative positions and associated benefits. A total of 12 newly hired employees attended the orientation, composed of 8 Contract of Service Personnel and 4 UP Contractual staff members.



An orientation on PhilHealth benefits and contributions for Contract of Service Personnel and UP Research Assistants was also organized by the HRDO on 27 June 2022.

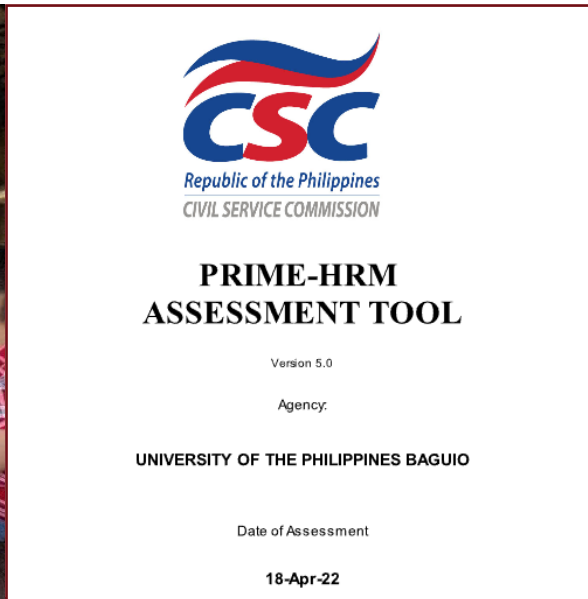
Ms. Janet M. Palaez, the Chief Social Insurance Officer of PhilHealth Baguio, delivered an informative session on the implementation of mandatory contributions for Contract of Service and other personnel lacking an employer-employee relationship with the agency. The presentation aimed to provide valuable insights into the regulatory framework concerning contributions and benefits for personnel with specific employment arrangements within the agency.





There is also the PRIME-HRM plans for UP Baguio. The HRD team assessed the maturity level of the University in terms of competencies, systems, and practices in four key HR Systems namely: Recruitment, Selection and Placement, Learning and Development, Performance Management and Rewards and Recognition. This assessment was facilitated using the PRIME-HRM Assessment Tool provided by the Civil Service Commission. The primary objective was to determine whether the University' HR practices can be classified as Transactional HRM, Process-Defined HRM, Integrated HRM or Strategic HRM.

### ➤ HRDO Meeting for the UPB PRIME-HRM



The HRDO also organized regular Zumba sessions for all teaching and non-teaching staff of the University every Wednesday and Friday. This initiative is designed to encourage and promote a healthy lifestyle among all staff members. Zumba is primarily a cardiovascular activity that help build stamina while burning calories.

### ➤ Benchmarking Visit of UP Visayas Tacloban College



UP Visayas Tacloban College (UPVTC) visited UP Baguio last 8 September 2022 for a benchmarking activity in coordination with the OVCA and HRDO. The purpose of the visit was to enable heads of various administrative sections to interact, seek consultation, gain insights from their counterparts at UP Baguio, and learn more about administrative operations and practices in records management, budgeting and accounting, cash services, supply and property management and human resource management. UP Baguio heads of offices warmly welcomed their counterparts from UPVTC, generously sharing the University's best practices.

The UP Baguio Annual Recognition Program and the Community Lunch held every Christmas season is the culminating activity for the entire University. In 2022, this was held on 19 December and the program aims to recognize the Gawad Tsanselor awardees, retirees as well as loyalty and service awardees. The Gawad Tsanselor Awards, which are given to faculty and non-teaching personnel, stand as a testament to their exceptional performance, dedication and commitment to service. The occasion



also presents an opportunity to express gratitude to the retirees who have offered their years of service to UP Baguio. Newly retired personnel as well as retirees from the past are invited to this annual gathering. The program culminates in a community lunch followed by a raffle draw, games, and a two-hour Zumba session.

In 2022, the Gawad Tsanselor award for the administrative sector was given to Mr. Gerardo Malicdem who is detailed in the HRDO. Under the REPS sector, Ms. Liza Ngiao was awarded the Gawad Tsanselor. Ms. Ngiao works as a Guidance Services Specialist in the Office of Counseling and Guidance. The Gawad Tsanselor award for Outstanding Junior and Senior Faculty were given to Prof. Easter Joy Sajo of the Department of Biology, CS and to Prof. Ma. Nela Florendo of the Department of History and Philosophy, CSS, respectively.

Lastly, in 2022, there were five new personnel who were hired on a regular status and one contractual personnel was regularized to a regular permanent position.

### ➤ UPB Baguio Recognition Program and Community Lunch





# APPENDIX A

## Completed Researches

AUTHOR/S	TITLE OF RESEARCH	INCLUSIVE DATES	FUNDING SOURCE
<b>COLLEGE OF ARTS AND COMMUNICATION</b>			
1 Junley L. Lazaga	Children Book Translation: One, Two I Cherish you "Maysa, Dua Dungdungnguenka"	15 January 2022 - 15 July 2022	
2 Jason Paolo R. Telles	Environment, Media, and Popular Culture in Southeast Asia	01 January 2020 - 30 January 2022	
3 Lioba Asia E. Piluden	Balitok, the Creation of the Ili, and the Decentering/Recentering of the Land in Ibaloy Folklore and Literature	01 October 2021 - 01 February 2022	
4 Anna Christie V. Torres	Mga Daang Pauwi: Pananalinghaga sa Konsepto ng Ili sa Piling Pampanitikang Akdang Kordilyera	01 September 2021 - 28 February 2022	
5 Orville B. Tatcho	Framing Sara Duterte-Carpio's Candidacy in the 2022 Election	01 January 2022 - 01 December 2022	
6 Orville B. Tatcho	A preliminary inquiry on the merits and legal basis of presidential debates in the Philippines	01 January 2022 - 01 December 2022	

<b>COLLEGE OF SCIENCE</b>			
1 Ronie J. Calugay	Bacterial Antibiotic Resistance Pollution in the Balili River	01 February 2019 - 31 July 2022	DOST- PCHRD ₱991,726.20
2 Rizavel C. Addawe; Criselda P. Libatique; Jhunas Paul T. Viernes	Exploratory Data Analysis (EDA) of COVID-19 Cases in Baguio City	01 December 2021 - 30 November 2022	Cordillera Studies Center- Interdisciplinary Team Research Grant (CSC - ITRG) ₱250,000.00
3 Rosemary M. Gutierrez; Corazon L. Abansi; Alejandro N. Ciencia; Ruth M. Tindaan	Interdisciplinary Assessment of Baguio City Local Government Unit's Policy Response to the Covid-19 Pandemic	01 July 2020 - 31 August 2022	CSC- ITRG ₱250,000.00
4 Roland M. Hipol	Program: Discovery and Development of Health Products (DDHP): Disease- Specific Bioactive Hits from Terrestrial Organisms  Project: Anti-infective Hits from Priority Bioactive Extracts from Fungi	01 August 2020 - 31 May 2022	DOST ₱9,113,721.95



5	Teodora D. Balangcod	Program: Discovery and Development of Health Products (DDHP): Disease-Specific Bioactive Hits from Terrestrial Organisms  Project: Anti-infective Hits from Priority Bioactive Extracts from Indigenous and Endemic Plants of the Cordillera against <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i>	01 August 2019 - 30 June 2022	DOST ₱10,123,479.64
6	Teodora D. Balangcod	Program: Tuklas Lunas Development Consortium in the Cordillera: Documentation, Standardization, and Formulation of Dosage Forms from Indigenous Plants and Microorganisms with Anti-infective and Anti-diabetic Bioactivities  Project: Potential Activity of Indigenous and Endemic Plant Extracts from the Cordillera Region Against ESKAPE Bacteria	03 March 2019 - 02 March 2022	DOST ₱11,179,884.80
7	Jessica C. Talangchey	<i>Sal-salan Di E-Sabangan: An Aesthetic Expression of the People of Sabangan's Culture Through Social Indigenous Dances</i>	16 May 2022 - 31 December 2022	CSC Research Grant ₱150,000.00
8	Roland M. Hipol	Toward the Discovery of Indigenous Sources of Anti-cancer Compounds: Screening for the Presence of Epthilone Gene Clusters in Cellulolytic Myxobacteria through Real Time PCR	01 February 2021 - 31 January 2022	DOST- NRCP ₱3,000,000.00
9	Jocelyn A. Floresca	Utilizing the Nature Walk Programs as Biopsychosocial Intervention for Residents of the Regional Rehabilitation Center for the Youth of DSWD CAR	01 March 2021 - 31 March 2022	DSWD-CAR ₱129,000.00
10	Roland M. Hipol	Valorization of Agri-food Waste: Ultrasound-assisted Extraction of Oil and Polyphenols from Cherry Rejects of Cordillera Grown Arabica Coffee	01 April 2021 - 31 March 2022	DOST-PCIEERD ₱4,193,973.00

COLLEGE OF SOCIAL SCIENCES				
1	Learane K. Ampaguey; Junley L. Lazaga; Grazielle K. Micklay	Mother Tongue Profile of Public Elementary School in the Schools Division of Baguio City	13 September 2021- 22 March 2022	CSC-ITRG
2	Ben Carlo N. Atim	Parrhesia and the Quasi-Political Role of Educators: An Arendtian-Foucauldian Reflection	02 March 2021 - 30 April 2022	
3	Ben Carlo N. Atim	"A Phenomenological Reading of Pope Francis' Encyclival Laudato Si" Through Jean-Luc Marion's Account of the Saturated Phenomenon	22 September 2021- 30 June 2022	
4	Maileenita A. Peñalba	Indigenous Peoples Mandatory Representation: Issues of Political Representation in Cordillera, Northern Philippines	01 February 2022 - 31 August 2022	
5	Ben Carlo N. Atim	"On the Three Constitutive Elements of Moral Life: Keys to a Phenomenological Perspective of Moral Philosophy"	01 June 2022 - 30 September 2022	
6	Luis Zuriel P. Domingo; Adrian Klye Vergara	The 1960s-1970s student nationalism and radicalization in Manila	02 January 2021 - September 2022	
7	Luis Zuriel P. Domingo	Nationalism in the political thought of Claro M. Recto	02 January 2021 - October 2022	
8	Ben Carlo N. Atim	Jean-Luc Marion's Hermeneutics of Charity and Its Relevance to Religious Pluralism	01 September 2022 - 30 November 2022	
9	Corazon Abansi	Understanding the Role of the University in a Creative Economy of Baguio City Using the Triple Helix Model	02 October 2021 - 21 September 2022	
10	Raymundo D. Rovillos	UNESCO Culture 2030: Measuring the contribution of culture in the attainment of sustainable development goals (SDGs)	01 September 2021 - 31 July 2022	NCCA

11	Raymundo D. Rovillos	A Mid-Term Review of the Ifugao Rice Terraces Master Plan (2015-2024). Study Leader	01 April 2022 - 30 November 2022	UNACOM (UNESCO National Commission of the Philippines)
12	Raymundo D. Rovillos	A Contemporary History of Ibalays and Energy Projects: The Case of Ambuklao and Binga (1950-Present)	01 March 2022 - 31 December 2022	
13	Raymundo D. Rovillos	Indigenous Women and Benefit Sharing in Emission Reductions Programs (ERPs),” at the Implementation Research Asia-Pacific FCPF Capacity Building Project on REDD+ for Indigenous Peoples: Case studies from Fiji, Nepal and Indonesia (Synthesis Report Writer)	01 March 2022 - 30 September 2022	World Bank
14	Olivia S. Mendoza	Emotions and Filipino Resilience (Book Chapter)	01 January 2022 - 31 December 2022	

# APPENDIX B

## Creative Work

	FACULTY	CREATIVE WORK	EVENT/PROJECT	SPONSOR, VENUE, AND DATE	ROLE
1	Danielle Florendo	Watercolor paintings for an art fair	Art in the Park: Special Gallery: Ang INK	Museum Foundations of the Philippines, Makati City, 2022	Artist / Exhibitor
		Watercolor painting for a group exhibit	Transitions	Art Anton Gallery, Pasay City, 2022	Artist / Exhibitor
		Watercolor painting for a group exhibit	Pulse	R Gallery, Quezon City, 2022	Artist / Exhibitor
		Digital illustration for a banner literacy project	Kasalukuyan Looking For Juan: The 14th Edition of the Canvas Annual Art for Development Project	UP CFA Parola Gallery, Quezon City, 2022	Artist / Exhibitor
		Digital illustrations for a children’s book	The Perfect Tree	Glory Moralidad, Iloilo City, 2022	Illustrator
		Digital illustrations for a children’s book	Ang Bahay na Maraming Klasrum	Johnny and Hansel Publications, Quezon City, 2022	Illustrator
		Watercolor illustrations for a collection of real-life stories	Tanaw	DOST: TAPI, Quezon City, 2022	Illustrator
2	Joseph Andrew A. Carvajal	15 brass repousse’ works (depicting vegetables)	Ang Ating Mga Kayamanan sa Bakuran	National Commission for Culture and the Arts (NCCA), NCAA Gallery, Intramuros, Manila, July 2022	Solo Exhibiting Artist
		Acrylic on cut paper artwork	24th Postcards from the Edge (benefit online exhibit)	Visual AIDS, NYC, 8-14 January 2022	Contributing Artist
3	Arnold Tristan Buenaflor	Collection of poems	Mula sa Himpapawid	Published by 8 Letters, Cebu City, 24 November 2022	Solo Writer
		Poetry	Remembering Tamblot: Oath of the Homo Transisus	Published by Beestung Magazine, Philadelphia, PA, USA, 20 August 2011	Contributing Writer
		Filipino Science fiction story	Kwentong Detachabol	Published by 8 Letters, Cebu City, 28 September 2022	Contributing Writer
		Poetry	The Bakla That Became a Guerrilla and the Family He Found in the Struggle (essay)	Published by RFD Magazine, New England, USA, 21 November 2022	Contributing Writer

# APPENDIX C

## ISI, WoS, and Scopus - Indexed Publications

	AUTHOR/S	DEPARTMENT	TITLE OF PUBLICATION	DATE OF ISSUE	COMPLETE BIBLIOGRAPHIC INFORMATION
<b>COLLEGE OF SCIENCE</b>					
1	Lee J. Javellana	Department of Mathematics and Computer Science (DMCS)	A Landslide Model using a 3D Ultradiscrete Burgers' Equation	23 September 2022	Javellana, L. (2022). A Landslide Model Using a 3D Ultradiscrete Burgers' Equation. In: Krouska, A., Troussas, C., Caro, J. (eds) Novel & Intelligent Digital Systems: Proceedings of the 2nd International Conference (NiDS 2022). NiDS 2022. Lecture Notes in Networks and Systems, vol 556. Springer, Cham. <a href="https://doi.org/10.1007/978-3-031-17601-2_19">https://doi.org/10.1007/978-3-031-17601-2_19</a>
2	Renz Jimwel S. Mina; Rizavel C. Addawe	DMCS	A social network analysis of COVID-19 transmission in Rosales, Pangasinan, Philippines	August 2022	Mina, R. J. S., Addawe, R. C. (2022). A social network analysis of COVID-19 transmission in Rosales, Pangasinan, Philippines. AIP Publishing. <a href="https://doi.org/10.1063/5.0092746">https://doi.org/10.1063/5.0092746</a>
3	Subham Sharma, Johnny Bajgai, Jayson M. Antonio, Ailyn Fadriquela, Thuy Thi Trinh, Md. Habibur Rahman, Kchorng Vira, Abdul-Nasir Sofian, Chel-Su Kim, and Kyu-Jae Lee	Department of Biology (DB)	Anti-Hyperglycemic effect of magnesium-enhanced alkaline-reduced water on high glucose-induced oxidative stress in renal tubular epithelial cells	06 May 2022	Sharma, S., Bajgai, J., Antonio, J. M., Fadriquela, A., Trinh, T., Rahman, M. H., Vira, K., Sofian, A., Kim, C., & Lee, K. (2022). Anti-Hyperglycemic Effect of Magnesium-Enhanced Alkaline-Reduced Water on High Glucose-Induced Oxidative Stress in Renal Tubular Epithelial Cells. <i>Processes</i> , 10(5), 919. <a href="https://doi.org/10.3390/pr10050919">https://doi.org/10.3390/pr10050919</a>
4	Giovanni M. Malapit, Ronan Q. Baculi, and Leah E. Abayao	Department of Physical Sciences (DPS) Department of Biology (DB)/ Department of History and Philosophy (DHPH)	Atmospheric pressure plasma deposition of silver nanoparticles on bark fabric for bacterial growth inhibition	2022	Baculi, R. Q., Malapit, G. M., & Abayao, L. E. (2022). Atmospheric pressure plasma deposition of silver nanoparticles on bark fabric for bacterial growth inhibition. <i>The Journal of the Textile Institute</i> , 1–9. <a href="https://doi.org/10.1080/00405000.2021.2024378">https://doi.org/10.1080/00405000.2021.2024378</a>
5	Y.P. Ang, J.A. Aumentado and Liezel M. Magtoto	DB	<i>Begonia naemma</i> (Sect. Petermannia, Begoniaceae), a new species from Nueva Ecija, Luzon Island, the Philippines	18 August 2022	Ang, Y.P., Aumentado, J.A., and Magtoto, L.M. (2022) <i>Begonia naemma</i> (Sect. Petermannia, Begoniaceae), a new species from Nueva Ecija, Luzon Island, the Philippines. <i>Edinburgh Journal of Botany</i> , 390: 1-10. <a href="https://doi.org/10.24823/EJB.2022.390">https://doi.org/10.24823/EJB.2022.390</a>

6	Juancho A. Collera	DMCS	Bubbling, bistable limit cycles and quasi-periodic oscillations in queues with delayed information	14 February 2022	Collera, J.A. (2022). Bubbling, bistable limit cycles and quasi-periodic oscillations in queues with delayed information. <i>Symmetry</i> 14(2), 376.
7	Joseph Ludwin D. C. Marigmen; Rizavel C. Addawe	DMCS	Climatic influences on dengue incidence in Baguio City, Philippines: A multiple linear regression approach	August 2022	Marigmen, J.L.D.C. and Addawe, R.C. (2022) "Climatic influences on dengue incidence in Baguio City, Philippines: A multiple linear regression approach", AIP Conference Proceedings 2472, 050017. DOI: <a href="https://doi.org/10.1063/5.0092781">https://doi.org/10.1063/5.0092781</a>
8	Karen D. Taclay, Richard J. Taclay, Wilfredo T. Dizon, and Rizavel C. Addawe	DMCS	COVID-19 pandemic in Baguio City, Philippines: A spatio-temporal analysis	August 2022	Taclay, K. D., Taclay, R. J., Dizon, W. T., & Addawe, R. C. (2022). COVID-19 pandemic in Baguio City, Philippines: A spatio-temporal analysis. AIP Publishing. <a href="https://doi.org/10.1063/5.0092722">https://doi.org/10.1063/5.0092722</a>
9	Michael C. Velarde, Alison Faye O. Chan, Ma. Easter Joy V. Sajo, Igor Zakharevich, Jonathan Melamed, Gemma Leonora B. Uy, Joji Marie Y. Teves, Allen Joy M. Corachea, Apple P. Valparaiso, Shiela S. Macalindong, Nelson D. Cabaluna, Rodney B. Dofitas, Linda C. Giudice, Roy R. Gerona	DB	Elevated levels of perfluoroalkyl substances in breast cancer patients within the Greater Manila Area	January 2022	Velarde, M. C., Chan, A. F. O., Sajo, M. E. J. V., Zakharevich, I., Melamed, J., Uy, G. L. B., Teves, J. M. Y., Corachea, A. J. M., Valparaiso, A. P., Macalindong, S. S., Cabaluna, N. D., Dofitas, R. B., Giudice, L. C., & Gerona, R. R. (2022). Elevated levels of perfluoroalkyl substances in breast cancer patients within the Greater Manila Area. <i>Chemosphere</i> , 286, 131545. <a href="https://doi.org/10.1016/j.chemosphere.2021.131545">https://doi.org/10.1016/j.chemosphere.2021.131545</a>
10	Meije T. Bagangao; Analinda C. Manila-Fajardo	DB	Floral characteristics support nocturnal pollination and pollination syndrome in <i>Barringtonia racemosa</i>	08 June 2022	Bagangao, M. T., & Manila-Fajardo, A. C. (2022). Floral characteristics support nocturnal pollination and pollination syndrome in <i>Barringtonia racemosa</i> . <i>Environmental and Experimental Biology</i> , 20(1), 25–35. <a href="https://doi.org/10.22364/eeb.20.03">https://doi.org/10.22364/eeb.20.03</a>
11	Zanya Reubenne D. Omadlao, Johanna Marie A. Cabrales, Samuel Christian M. Cristobal, Margaret Vianey A. Dee, Jim Reinier V. Tadeo, Joseph Ludwin D. C. Marigmen, and Romsto R. Pajarillo	DMCS	Machine learning-based dengue forecasting system for Irisan, Baguio City, Philippines	August 2022	Omadlao, Z.R.D., Cabrales, J.M.A., Cristobal, S.C.M., Dee, M.V.A., Tadeo, J.R.V., Marigmen, J.L.D.C., and Pajarillo, R.R. (2022) "Machine learning-based dengue forecasting system for Irisan, Baguio City, Philippines", AIP Conference Proceedings 2472, 040019. DOI: <a href="https://doi.org/10.1063/5.0092930">https://doi.org/10.1063/5.0092930</a>
12	William S. Gayo, Jr. and Jerico B. Bacani	DMCS	On the solutions of the Diophantine equation $M^x + (M-1)^y = z^2$	April 2022	Gayo, W. S. Jr. and Bacani, J. B. (2022). On the solutions of the Diophantine Equation $M^x + (M-1)^y = z^2$ . <i>Italian Journal of Pure and Applied Mathematics</i> , 47, 1113 - 1117.

# APPENDIX D

## Books / Book Chapters

13	Elsie C. Jimenez	DPS	Peptide antagonists of NMDA receptors: Structure-activity relationships for potential therapeutics	July 2022	Jimenez, E. C. (2022). Peptide antagonists of NMDA receptors: Structure-activity relationships for potential therapeutics. <i>Peptides</i> , 170796. <a href="https://doi.org/10.1016/j.peptides.2022.170796">https://doi.org/10.1016/j.peptides.2022.170796</a>
14	Jennifer B. Antonio, and Jose Mario A. Diaz	DPS	Sayote ( <i>Sechium edule</i> ) fiber isolated at varying acid hydrolysis time and reinforcement to starch/PVOH composite blends	2022	Bandao-Antonio, J., & Diaz, J. M. A. (2022). Sayote ( <i>Sechium edule</i> ) fiber isolated at varying acid hydrolysis time and reinforcement to starch/PVOH composite blends. <i>BioResources</i> , 17(1), 1892–1904. <a href="https://doi.org/10.15376/biores.17.1.1892-1904">https://doi.org/10.15376/biores.17.1.1892-1904</a>
<b>COLLEGE OF SOCIAL SCIENCES</b>					
1	Ronan Baculi; Giovanni Malapit; Leah Abayao	Department of History and Philosophy (DHPH)	Atmospheric pressure plasma deposition of silver nanoparticles on bank fabric for bacterial growth	05 January 2022	RQ Baculi, GM Mapili, LE Abayao, Atmospheric pressure plasma deposition of silver nanoparticles on bank fabric for bacterial growth- The Journal of the Textile Institute
2	Corazon L. Abansi	Institute of Management (IM)	Biodiversity Conservation and Social Science Underpinnings in the Cordillera Highlands of Northern Philippines	08 April 2022	Corazon L. Abansi. 2022. Biodiversity Conservation and Social Science Underpinnings in the Cordillera Highlands of Northern Philippines. <i>Research Anthology on Ecosystem Conservation and Preserving Biodiversity</i> . Vol.1, pp 1845-1861
3	Ben Carlo N. Atim	DHPH	Parrhesia and the Quasi-Political Role of Educators: An Arendtian-Foucauldian Reflection	30 June 2022	Ben Carlo N. Atim. 2022. Parrhesia and the Quasi-Political Role of Educators: An Arendtian- Foucauldian Reflection. <i>Vol.23,2:2022</i> , pp301-319
4	J.Huang; S.Chan; S.Ko; H.wang; J.Yuan; W.Xu; Z. Zheng; H.Xue; L.Zhang; J.Jiang; J.Huang; P.Chen; E.Palaganas; P.Viwattanakulvanid; R. Somrongthong; A.Caicedo; M.Arellano; J.Murphy; M.Paredes; M.Withers; M. Wong	IM	Factors Associated with Vaccination Intention against the Covid-19 Pandemic: A Global Population-Based Study	16 September 2022	J.Huang; S.Chan; S.Ko; H.Wang; J.Yuan; W.Xu; Z.Zheng; H.Xue; L.Zhang; J.Jiang; J.Huang; P.Chen; E.Palaganas; P.Viwattanakulvanid; R.Somrongthong; A.Caicedo; M.Arellano; J.Murphy; M.Paredes; M.Withers; M.Wong, Factors Associated with Vaccination Intention against the Covid-19 Pandemic: A Global Population-Based Study, <i>Vaccines</i> 2022,10,1539. <a href="https://doi.org/10.3390/vaccines10091539">https://doi.org/10.3390/vaccines10091539</a>
5	Vlademire Kevin D. Bumatay	DHPH	Formal schemas of induction as models	07 November 2022	Vlademire Kevin D. Bumatay, Formal Schemas of Induction as Models, Volume 200, Issue 6, <a href="https://doi.org/10.1007/s11229-022-03921-6">https://doi.org/10.1007/s11229-022-03921-6</a>

	AUTHOR/S	DEPARTMENT	TITLE OF PUBLICATION	DATE OF ISSUE	COMPLETE BIBLIOGRAPHIC INFORMATION
<b>COLLEGE OF ARTS AND COMMUNICATION</b>					
1	Lioba Asia Piluden	Department of Language, Literature and the Arts (DLLA)	Balitok, the Creation of the Ili, and the Decentering/Recentering of the Land in Ibaloy Folklore and Literature	25 March 2022	Hulagway Bahay ng Salita Balai ng Gunita; Publisher: National Commission for Culture and the Arts (NCCA); ISBN: 978-971-814-274-5; Page 62-70.
2	Anna Christie V. Torres	DLLA	Mga Daang Pauwi: Pananalinghaga sa Konsepto ng Ili sa Piling Pampanitikang Akdang Kordilyera	25 March 2022	Hulagway Bahay ng Salita Balai ng Gunita; Publisher: National Commission for Culture and the Arts (NCCA); ISBN: 978-971-814-274-6; Page 77-101.
3	Felicisimo G. Galletes	DLLA	Filipino Tungo sa Malayang Kamalayan Baitang 8 Batayang Aklat	01 September 2022	Filipino Tungo sa Malayang Kamalayan 8; Publisher: Diwa Learning System Inc.; ISBN: 978-971-46-1809-1
4	Felicisimo G. Galletes	DLLA	Filipino Tungo sa Malayang Kamalayan Baitang 8 Gabay sa Pagtuturo	01 September 2022	Filipino Tungo sa Malayang Kamalayan 8; Publisher: Diwa Learning System Inc.; ISBN: 978-971-46-1818-3.
5	Junley L. Lazaga	DLLA	Children Book Translation: One, Two I Cherish you "Maysa, Dua Dungkunguenka"	01 December 2022	Name of Book: Children Book Translation: One, Two I Cherish you "Maysa, Dua Dungkunguenka"; Publisher: Saniata Publications; ISBN 978-971-9692-67-6.

COLLEGE OF SCIENCE

1	Juancho A. Collera; Rainier Ric B. de la Cruz	DMCS	Dynamics of a Delayed Kaldor-Kalecki Model of Mutually Linked Economies	11 July 2022	Collera, J.A., de la Cruz, R.R.B. (2022). Dynamics of a Delayed Kaldor-Kalecki Model of Mutually Linked Economies. In: Ehrhardt, M., Günther, M. (eds) Progress in Industrial Mathematics at ECMI 2021. ECMI 2021. Mathematics in Industry, vol 39. Springer, Cham.
2	Renz Jimwel S. Mina; Jerico B. Bacani	DMCS	Families of Mordell Curves with Non-trivial Torsion and Rank of at Least Three	2022	Mina, R.J.S. and Bacani, J.B. (2022). Families of Mordell Curves with Non-trivial Torsion and Rank of at Least Three. In: Rushi Kumar, B., Ponnusamy, S., Giri, D., Thuraisingham, B., Clifton, C.W., Carminati, B. (eds) Mathematics and Computing. ICMC 2022. Springer Proceedings in Mathematics & Statistics, vol 415. Springer, Singapore, pp. 155-162.
3	Ronald L. Aquino; Jerico B. Bacani	DMCS	On the Solutions of the Exponential Diophantine Equation $p^x + q^y = z^3$ : Theorems and Conjectures	March 2022	Aquino, R. L. and Bacani, J. B. (2022). On the Solutions of the Exponential Diophantine Equation $p^x + q^y = z^3$ : Theorems and Conjectures, In: Giri D., Raymond Choo KK., Ponnusamy S., Meng W., Akleylek S., Prasad Maity S. (eds). Proceedings of the Seventh International Conference on Mathematics and Computing. Advances in Intelligent Systems and Computing, 1412, Springer, Singapore, 711 - 723.

# APPENDIX E

## International Refereed Publications

	AUTHOR/S	DEPARTMENT	TITLE OF PUBLICATION	DATE OF ISSUE	COMPLETE BIBLIOGRAPHIC INFORMATION
<b>COLLEGE OF ARTS AND COMMUNICATION</b>					

1	Benjamin George Meamo III	Department of Communication (DC)	Glocalization in Filipino Remakes of Korean Dramas	13 January 2022	Southeast Asian Media Studies Journal "GLOCALIZATION"; Publisher: SEAMSA; Volume 3, No. 3; ISSN (Online): 2718-9236; Pages: 77-104.
2	Jason Paolo R. Telles	DC	Environment, Media, and Popular Culture in Southeast Asia	31 May 2022	Environment, Media, and Popular Culture in Southeast Asia; Publisher: Springer; ISSN: 2364-8252; ISBN 978-981-19-1130-9 (eBook); Pages: 1-27.

<b>COLLEGE OF SCIENCE</b>					
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1	Joseph Ludwin DC. Marigmen, and Rizavel C. Addawe	DMCS	Forecasting and on the Influence of Climatic Factors on Rising Dengue Incidence	27 January 2022	Marigmen, J. L. D., & Addawe, R. C. (2022). Forecasting and on the Influence of Climatic Factors on Rising Dengue Incidence in Baguio City, Philippines. Journal of Computational Innovation and Analytics, 1(Number 1), 43–68. <a href="https://doi.org/10.32890/jcia2022.1.1.3">https://doi.org/10.32890/jcia2022.1.1.3</a>
2	Renz Jimwel S. Mina, and Jerico B. Bacani	DMCS	On a Diophantine equation of type $p^x + q^y = z^3$	15 April 2022	Mina, R. J. S. and Bacani, J. B. (2022). On a Diophantine equation of type $p^x + q^y = z^3$ . Konuralp Journal of Mathematics, 10(1), 55 - 58.

<b>COLLEGE OF SOCIAL SCIENCES</b>					
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1	Liz Jackson, Nuraan Davids, Winston C. Thompson, Jessica Lussier, Nicholas C. Burbules, Kal Alston, Stephen Chatelier, Krissah Marga B. Taganas, Olivia S. Mendoza, Jason Lin Cong, Addyson Frattura & Anonymous and P. Taylor Webb	DHPH	Feeling like a philosopher of education: A collective response to Jackson's 'The smiling philosopher'	22 April 2022	Liz Jackson, Nuraan Davids, Winston C. Thompson, Jessica Lussier, Nicholas C. Burbules, Kal Alston, Stephen Chatelier, Krissah Marga B. Taganas, Olivia S. Mendoza, Jason Lin Cong, Addyson Frattura & Anonymous and P. Taylor Webb (2022) Feeling like a philosopher of education: A collective response to Jackson's 'The smiling philosopher', Educational Philosophy and Theory, DOI: 10.1080/00131857.2022.2063719
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# APPENDIX F

## Local Refereed Publications

	AUTHOR/S	DEPARTMENT	TITLE OF PUBLICATION	DATE OF ISSUE	COMPLETE BIBLIOGRAPHIC INFORMATION
<b>COLLEGE OF ARTS AND COMMUNICATION</b>					
1	Arnold Tristan Buenaflor	DLLA	Life Update 2022	17 May 2022	UP Likhaan; Volume 1, Issue 2
2	Arnold Tristan Buenaflor	DLLA	Multiverse of Sinigang	09 July 2022	UP Likhaan; Volume 1, Issue 3
3	Arnold Tristan Buenaflor	DLLA	Violence sa Mata ng Isang Nakikibakang Kristiyano	17 May 2022	UP Likhaan; Volume 1, Issue 4
4	Arnold Tristan Buenaflor	DLLA	Sa Dulo ng Lubid: Paghila sa Elepante, Kasama, at Dagat	31 December 2022	Entrada, Issue 8, Polytechnic University of the Philippines
5	Orville B. Tatcho	DC	Framing Sara Duterte-Carpio's candidacy in the 2022 election	2022	Philippine Society Review; page 61-109; ISSN: 2094 8328
6	Orville B. Tatcho	DC	A preliminary inquiry on the merits and legal basis of presidential debates in the Philippines	2022	Philippine Society Review; page 141-161

<b>COLLEGE OF SCIENCE</b>					
1	Zenaida G. Baoanan; Klantz Baoanan	DB	Fauna Collection in Region 1 Landscape	10 February 2022	Baoanan, Z, Baoanan K (2022). Fauna Collection in Region 1 Landscape. Biodiversity and Resources Management Program, Cordillera Studies Center, University of the Philippines Baguio. <a href="https://doi.org/10.15468/yv5b8g">https://doi.org/10.15468/yv5b8g</a>

<b>COLLEGE OF SOCIAL SCIENCES</b>					
1	Analyn V. Salvador-Amores	Department of Anthropology, Sociology and Psychology (DASP)	Body Modification and Adornments among the Agta of Northeast Luzon, Philippines		P.Bion Griffin, Analyn Salvador-Amores, Body Modification and Adornments among the Agta of Northeast Luzon, Philippines, Philippine Quarterly of Culture and Society, Volume 48 No. 1 and 2
2	Analyn V. Salvador-Amores	DASP	Understanding the Materiality of Death Rituals in Bontoc Society, Northern Philippines	20 September 2022	Analyn Salvador-Amores, Understanding the Maternity of Death Rituals in Bontoc Society, Northern Philippines, Journal of Philippine Culture and Society Volume VIII, Number 2
3	Jose Mathew P. Luga	DHPH	The Urbanization of Baguio: The Gold City of the Orient, 1929-1941	02 December 2022	Jose Mathew Luga, The Urbanization of Baguio: The Gold City of the Orient, 1929-1941, Journal of Philippine Culture and Society Volume XII Number 1 & 2

# APPENDIX G

## UP System International Publication Award (IPA)

	AWARDEE/ GRANTEE	DEPARTMENT/ COLLEGE	RESEARCH PROJECT TITLE	DATE OF AWARD
COLLEGE OF ARTS AND COMMUNICATION				
1	Jason Paolo R. Telles	DC	Trending and Othering: Ang Kaso nina Carrot Man, Badjao Girl at Panagbenga Hotties	07 July 2022
2	Jason Paolo R. Telles	DC	Environment, Media and Popular Culture in Southeast Asia	07 July 2022
3	Jason Paolo R. Telles	DC	The West Philippine Sea Dispute and Meme-fied Fish on Facebook	07 July 2022
COLLEGE OF SCIENCE				
1	Aris A. Reginado	DB	A report on the small mammals in mixed-use urbanized habitats in the southern Central Cordillera, Northern Luzon	23 May 2022
2	Ronan Q. Baculi	DB	Alpha-amylase conjugated biogenic silver nanoparticles as innovative strategy against biofilm-forming multidrug resistant bacteria	2022
3	Joseph Ludwin DC. Marigmen; Louie Ville A. Balino; Rizavel C. Addawe	DMCS	Analysis of Dengue Incidence in Baguio City, Philippines	23 June 2022
4	Joseph Ludwin DC. Marigmen; Rizavel C. Addawe	DMCS	Analysis on the Onset of Dengue Outbreaks in Baguio City	23 June 2022
5	Jayson M. Antonio	DB	Anti-Hyperglycemic Effect of Magnesium-Enhanced Alkaline-Reduced Water on High Glucose-Induced Oxidative Stress in Renal Tubular Epithelial Cells	2022

6	Ronan Q. Baculi; Giovanni M. Malapit	DB and DPS	Atmospheric pressure plasma deposition of silver nanoparticles on bark fabric for bacterial growth inhibition	23 February 2022
7	Jhunus Paul T. Viernes; Rizavel C. Addawe; Shilden Grail S. Domilies; Criselda P. Libatique; Wilfredo T. Dizon Jr.; Raya Elaine N. Gueco	DMCS	Contact tracing and expanded testing of COVID-19 cases in Baguio City, Philippines	15 June 2022
8	Gilbert R. Peralta	DMCS	Error Estimates for Mixed and Hybrid FEM for Elliptic Optimal Control Problems with Penalizations	06 December 2022
9	Rizavel C. Addawe; Jhunus Paul T. Viernes; Wilfredo T. Dizon Jr.; Shilden Grail S. Domilies; Criselda P. Libatique; Raya Elaine N. Gueco	DMCS	Exploratory data analysis of COVID-19 cases in Baguio City, Philippines	15 June 2022
10	Gilbert R. Peralta	DMCS	Mixed and Hybrid Petrov-Galerkin Finite Element Discretization for Optimal Control of the Wave Equation	18 May 2022
11	Zenaida G. Baoanan	DB	Monitoring of Land Use and Land Cover Changes in Mt. Pulag National Park Using Landsat and Sentinel Imageries	2022
12	Zenaida G. Baonan	DB	Non-linear Tree Height (h-d) Model Development and Forest Resource Productivity Assessment of Diguyo Limestone Forest within Northern Sierra Madre Natural Park	09 February 2022
13	Aris A. Reginado	DB	Occurrence and Habitat Use of Non-native Small Mammals in Upland Urban-Forest Environment in Northern Philippines	19 May 2022
14	William S. Gayo, Jr.; Jerico B. Bacani	DMCS	On the Diophantine Equation $Mp^x + (Mq+1)^y = z^2$	May 2022
15	William S. Gayo, Jr.; Jerico B. Bacani	DMCS	On the solutions of the Diophantine Equation $M^x + (M-1)^y = z^2$	21 June 2022
16	Renz Jimwel S. Mina; Jerico B. Bacani	DMCS	On the Solutions of the Diophantine Equation $p^x + (p+4k)^y = z^2$ for Prime Pairs $p$ and $p+4k$	May 2022

17	Ronald L. Aquino; Jerico B. Bacani	DMCS	On the solutions of the Exponential Diophantine Equation $p^x + q^y = z^3$ : Theorems and Conjectures	08 June 2022
18	Elsie C. Jimenez	DPS	Peptide antagonists of NMDA receptors: Structure-activity relationships for potential therapeutics	10 June 2022
19	Jennifer B. Antonio	DPS	Sayote ( <i>Sechium edule</i> ) fiber isolated at varying acid hydrolysis time and reinforcement to starch/PVOH composite blends	23 May 2022
20	Aris A. Reginado	DB	Small mammal-microhabitat associations in a disturbed landscape in Northern Luzon, Philippines	2022
21	Aris A. Reginado	DB	Structure of small non-flying mammal communities in disturbed habitats in the Central Cordillera, Luzon Island, Philippines	2022
22	Steven G. Delos Reyes Adrian Carlo C. Mamaril Trisha Joy P. Matias Mary Kathleen V. Tronco Gabriel R. Samson Nyczl D. Javier Jayson M. Antonio Ma. Easter Joy V. Sajo	DB	The Search for the Elixir of Life: On the Therapeutic Potential of Alkaline Reduced Water in Metabolic Syndromes	2022
23	Gilbert R. Peralta	DMCS	Weak and Very Weak Solutions to the Viscous Cahn–Hilliard–Oberbeck– Boussinesq Phase-Field System on Two-Dimensional Bounded Domains	01 June 2022

COLLEGE OF SOCIAL SCIENCES				
1	Analyn V. Salvador-Amores	DASP	Physiological Aspects of Cordillera Weaving in the Philippines	18 March 2022
2	Kelly Louise Rexzy P. Agra	DHP	Epistemic Injustice, Epistemic Paralysis, and Epistemic Resistance: A (Feminist) Liberatory Approach to Epistemology	19 April 2022
3	Richard Mel P. Caplis	Department of Economics and Political Science (DEPS)	Contingent Valuation of Automated Guideway Transit in Baguio, Philippines	19 April 2022
4	Analyn V. Salvador-Amores	DASP	Ritual act, technology, and the efficacy of traditional tattooing among the Igorots of north Luzon, Philippines	19 April 2022
5	Analyn V. Salvador-Amores	DASP	Expressive Cultures: Empowering Cordillera (Philippines) Weavers through Textile Revitalization	04 May 2022
6	Leah E. Abayao	DHP	Atmospheric Pressure Plasma Deposition of Silver Nanoparticles on Bank Fabric for Bacterial Growth Inhibition	15 June 2022
7	Ben Carlo N. Atim	DHP	Parrhesia and the Quasi-Political Role of Educators: An Arendtian-Foucauldian Reflection	04 November 2022



# APPENDIX H

## Research Dissemination

	AUTHOR	TITLE OF PAPER	DATE AND VENUE OF CONFERENCE	TITLE OF CONFERENCE	TYPE OF CONFERENCE		
					International	National	Local
<b>COLLEGE OF ARTS AND COMMUNICATION</b>							
1	Felicisimo G. Galletes	Kumparatibong Deskripsiyon at Analisis sa Varayti ng Filipino ng mga taga Bautista Pangasinan at ng mga Migranteng Pangasinense sa Lungsod ng Baguio	03 March 2022, Manila Philippines via Zoom	Joint International Conference of the Linguistic Society of the Philippines (2022) and the 21st English in South East Asia	X		
2	Lioba Asia E. Piluden	The Mountain Writes Back in Cordillera Fiction: Reading Rocky Cajigan's Short Stories as Bioregional Literature	26 March 2022, Manila Philippines via Zoom	Himaya: Panitikan ng Pagbabanyuhay (A National Arts Month 2022 Celebration)		X	

<b>COLLEGE OF SCIENCE</b>							
1	Giovanni M. Malapit	Culture, Mother Tongue and Physics through Traditional Games and Popular Toys	Online	4th Linguistic Society of the Philippines International Conference (LSPIC 2022) and the 21st ESEA (English in Southeast Asia)	X		
2	Renz Jimwel S. Mina; Jerico B. Bacani	Families of Mordell curves with non-trivial torsion and rank of at least three	6-8 January 2022, Vellore Institute of Technology, Vellore, Tamil Nadu, India (online)	8th International Conference on Mathematics and Computing (ICMC 2022)	X		
3	Ian Jasper A. Agulo	High Optical Response of Room Temperature Graphene Bolometers Fabricated through Various Methods	Athens, Greece	European Graphene Forum (EGF 2022)	X		
4	Crismar P. Patacsil	Hydrophobicity and FTIR Absorbance Spectroscopy of Polydimethylsiloxane (PDMS) Films treated with Aqueous Gold Nanoparticles (AuNP) Solution	Kuala Lumpur, Malaysia	The 6th International Conference on Materials Engineering and Nanotechnology (ICMEN 2022 Online Conference)	X		

5	Rosemary M. Gutierrez	Intensive farming and its effects on the development and spread of antimicrobial resistance genes on agricultural environments irrigated with wastewater	17 March 2022, Via Zoom	The 5th International Conference on Sustainable Developments of Water and the Environment (ICSDWE 2022)	X		
6	Jennifer B. Antonio; Giovanni M. Malapit	Lead (Pb2+) Removal in Water using Different forms of Spent Arabica Coffee Grounds at Varying Contact Time	Bangkok, Thailand	2022 Research, Invention, and Innovation Congress (RI2C 2022)	X		
7	Jennifer B. Antonio; Giovanni M. Malapit	Lead (Pb2+) Removal in Water using Different forms of Spent Arabica Coffee Grounds at Varying Contact Time	Online	E3S Web of Conferences	X		
8	Luzz Claire P. Llenos; Ivy Lorelie G. Miranda; Andrei A. Domogo; Juancho A. Collera	Mathematical Modeling of Antibiotic Resistance in Hospital with Dysbiosis	13-15 September 2022, School of Mathematical Sciences, Universiti Sains Malaysia	International Conference on Mathematical Sciences and Technology 2022	X		
9	Joseph Ludwin DC. Marigmen; Rizavel C. Addawe	Modelling Baguio City COVID-19 Trend during Alert Level 1 using NonHomogeneous Poisson Process	13-15 September 2022, School of Mathematical Sciences, Universiti Sains Malaysia (hybrid)	International Conference on Mathematical Sciences and Technology 2022 (MathTech 2022)	X		
10	Richard J. Taclay; Jerico B. Bacani	On the Fermat Quartic $2px^4 + y^4 = z^4$	22-24 August 2022, Universiti Utara Malaysia via Zoom	The 7th International Conference on Quantitative Sciences and Applications (ICOQSIA 2022)	X		
11	Richard J. Taclay; Jerico B. Bacani	On the quartic Diophantine equation $(2^a)px^4 + y^4 = z^4$	01 August 2022, UP Baguio via Zoom	Kanazawa University - UP Baguio Joint Seminar on Mathematics: Algebra and Number Theory	X		
12	William S. Gayo, Jr.; Jerico B. Bacani	On the Solutions of Some Mersenne Prime-Involved Diophantine Equations	13-15 September 2022, School of Mathematical Sciences, Universiti Sains Malaysia (hybrid)	International Conference on Mathematical Sciences and Technology 2022 (MathTech 2022)	X		
13	Teodora D. Balangcod	Popularizing the stunning Benguet lily ( <i>Lilium philippinense Baker</i> ), an endemic species in the Cordillera Administrative Region	02 May 2022, University of the Philippines Manila	Flores de Mayo Conference 2022	X		

14	Merlyn C. Avenilla; Jerico B. Bacani	Some Solutions of the Exponential Diophantine Equation $2^x + (2 + 5k)^y = z^2$	11-14 October 2022, University of Santo Tomas, Virtual	2022 Annual PAASE Meeting and Symposium (APAMS)	X		
15	Juancho A. Collera	Absolute Stability and Patterns Oscillations in Queues with Delayed Information	21, 28 May & 04 June 2022 (online)	2022 Mathematical Society of the Philippines Annual Convention		X	
16	Juancho A. Collera	Group-Theoretic Approach to Time-Delay Systems	26 October 2022, Mindanao State University - Iligan Institute of Technology (online)	MSU-IIT Algebra Lecture Series		X	
17	Ron Allan V. Baran; Jerico B. Bacani	On Estimating the Number of Prime Pairs of the Form $(p, 4p+3)$	21, 28 May & 04 June 2022, De La Salle University & University of the Philippines Los Baños	2022 MSP Annual Convention		X	
18	Richard J. Taclay; Jerico B. Bacani	On the Diophantine Equation $x^2 + (2^a)(7^b) = y^{2r}$	21, 28 May & 04 June 2022, De La Salle University & University of the Philippines Los Baños	2022 MSP Annual Convention		X	
19	Juancho A. Collera	Oscillatory Patterns in a Delayed Kaldor-Kalecki Model of Mutually Linked Economies	22 October 2022, via Zoom	NRCP - Division of Mathematical Sciences Scientific Webinar		X	
20	Aris A. Reginaldo	The Cordillera striped-shrew rat ( <i>Chrotomys whiteheadi</i> ): Occurrence and habitat use in disturbed habitats	06-09 December 2022, Via Zoom	30th Annual Philippine Biodiversity Symposium		X	
21	Aris A. Reginaldo	Baguio and its Pine Forest Fragments and Wildlife	09 September 2022, Via Zoom	113th Baguio Charter Day Anniversary Lectures: Baguio as a Sustainable City			X
22	Zenaida G. Baonan	Baguio City and its Remaining Green Spaces	09 September 2022, Via Zoom	113th Baguio Charter Day Anniversary Lectures: Baguio as a Sustainable City			X
23	Aris A. Reginaldo	The Use of Microhabitat Analysis in Understanding Small-Mammal Community Structure in Disturbed Habitats	09 September 2022, Via Zoom	3rd Graduate Student Research Conference			X

COLLEGE OF SOCIAL SCIENCES							
1	Luis Zuriel P. Domingo	Nationalism in the Educational Philosophy of the Laurels: The Role of Lyceum of the Philippines University in the Students Activism of the 1960s-70s	20-21 May 2022, University of California-Riverside, Riverside, California, USA	3rd Annual Southeast Asian Students Graduate Students Association (SEASGRAD) Student Conference	X		
2	Luis Zuriel P. Domingo	"They Shall Not Prevail": Claro M. Recto's Nationalist Crusade, 1952-1960	17 June 2022, London School of Economics and Political Science, England	1st London School of Economics and Political Science (LSE) Department of International History Student Conference	X		
3	Rosemary Gutierrez; Corazon L. Abansi; Ruth Tindaan	Interdisciplinary Assessment of Baguio City Local Government Unit's Policy Responses to the Covid-19 Pandemic	08 August 2022, University of the Philippines Baguio via Zoom and Facebook Live	CSC Public Lecture			X
4	Luis Zuriel P. Domingo	Nationalism in the Educational Philosophy of the Laurels: The Role of Lyceum of the Philippines University in the Student Activism of the 1960s-70s	22-24 September 2022, Manila	2022 Philippine Historical Association (PHA) Annual Conference		X	
5	Luis Zuriel P. Domingo	The "Unfinished Revolution" Project in 21st Century Philippine Mass Media and Politics	26-27 November 2022, The University of Tokyo, Komaba Campus, Meguro, Tokyo Japan	The 5th Philippine Studies Conference in Japan	X		
6	Analyn B. Muñoz	Ang Ilog Cagayan sa mga Mapang Kolonyal ng mga Espanyol noong mga Dantaon 17 at 18	28-30 November 2022, Ateneo de Davao University, Davao City	Ika-33 Pambansang Kumperensiya sa Kasaysayan at Kalinangan: Ilaya-Ilawod: Ang Bayan sa Harap ng Hamon ng Kolonisasyon		X	
7	Aron Harold G. Pamoso; Andrian Liem; Rozel S. Balmores-Paulino; Syurawasti Muhiddin; Faridah Kristi C. Wetherick; Jeremiah Paul C. Silvestre; Indra Yohanes Kiling; Justine Thong Jian-Ai	The Experience of Stigma and Coping among Ethnic-Minority Students in Three South-East Asia Countries: A Cross-Cultural Study	03 December 2022, via Zoom	2022 Southeast Asian Indigenous Psychology (SEA IP) Scientific Meeting	X		
8	Jeraiah Gray; João Paulo Reginaldo; Precious Ratay Ruchie Pototanon	Trails of Taste: Manila-Fujian Food Exchange in the Age of the Galleon	23 February 2022, via Zoom	Online Conference on Philippines- China Historical Relations. Convened by the Confucius Institute at the Ateneo de Manila University		X	

# APPENDIX I

## Awards and Other Academic Achievements of UPB Faculty

	AWARDEE	TITLE OF AWARD	DATE / YEAR OF AWARD
<b>COLLEGE OF ARTS AND COMMUNICATION</b>			
1	Jason Paolo R. Telles	One UP Professorial Chair	January 2022 - December 2025
2	Arnold Tristan Buenaflor	2nd Runner Up: Life Update (Maikling Kwento) UP Likhaan	May 2022
<b>COLLEGE OF SCIENCE</b>			
1	Priscilla S. Macansantos	Professor Emeritus	November 2022
2	Jocelyn R. Rafanan	Distinguished Service Award	19 December 2022
3	Ma. Easter Joy V. Sajo	Gawad Chancellor for Junior Faculty	19 December 2022
4	Ashlyn Kim D. Balangcod	One UP Faculty Grant Award	2022-2024
5	Jhunus Paul T. Viernes	One UP Faculty Grant Award	2022-2024
6	Rizavel C. Addawe	One UP Professorial Chair	2022-2024
7	Jerico B. Bacani	One UP Professorial Chair	2022-2024
8	Teodora D. Balangcod	One UP Professorial Chair	2022-2024
9	Edna N. Gueco	One UP Professorial Chair	2022-2024
10	Paul Samuel P. Ignacio	One UP Professorial Chair	2022-2024
11	Dymphna N. Javier	One UP Professorial Chair	2022-2024
12	Joel M. Addawe	UP Scientist I	29 November 2022
13	Rizavel C. Addawe	UP Scientist I	29 November 2022
14	Jerico B. Bacani	UP Scientist I	29 November 2022

15	Juancho A. Collera	UP Scientist I	29 November 2022
16	Roland M. Hipol	UP Scientist I	29 November 2022
17	Gilbert R. Peralta	UP Scientist I	29 November 2022
18	Wilfredo V. Alangui	UP Scientist II	29 November 2022
19	Teodora D. Balangcod	UP Scientist II	29 November 2022
<b>COLLEGE OF SOCIAL SCIENCES</b>			
1	Analyn V. Salvador-Amores	UP Scientist III	2020-2022
2	Erlinda C. Palaganas	UP Scientist III One UP Professorial Chair	2021-2023 2022-2024
3	Corazon L. Abansi	UP Scientist I One UP Professorial Chair	2021-2023
4	Maria Nela B. Florendo	Gawad Tsanselor Senior Faculty	19 December 2022
5	Leah E. Abayao	One UP Professorial Chair 2022 Gawad Parangal (CHED-CAR)	2022-2024 20 January 2023
6	Rozel Balmores- Paulino	One UP Professorial Chair	2022-2024
7	Victoria Lourdes C. Diaz	One UP Professorial Chair	2022-2024
8	Tala Aurora S. Ramos	One UP Professorial Chair	2022-2024
9	Maria Cecilia R. San Luis	One UP Professorial Chair	2022-2024
10	Alejandro N. Ciencia Jr.	One UP Professorial Chair	2022-2024
11	Gladys A. Cruz	One UP Professorial Chair	2022-2024
12	Santos Jose O. Dacanay III	One UP Professorial Chair	2022-2024
13	Charita A. Delos Reyes	One UP Professorial Chair	2022-2024
14	Jose Mathew P. Luga	One UP Faculty Grant Award	2022-2024
15	Olivia S. Mendoza	One UP Faculty Grant Award	2022-2024

# APPENDIX J

## Trainings/ Workshops/ Seminars Conducted in 2022

	TITLE OF TRAINING CONDUCTED	PLACE / VENUE	DATE	NO. OF PARTICIPANTS
<b>COLLEGE OF ARTS AND COMMUNICATION</b>				
1	Bachelor of Fine Arts (BFA) Career Talk: "Saan ka FATungo"	CAC UP BAGUIO (via zoom)	28 March 2022	75
2	Bachelor of Arts in Communication (BA COMM) Career Talk	CAC UP BAGUIO (via zoom)	29 March 2022	135
3	Bachelor of Arts Language and Literature (BALL) Career Talk Part 1	CAC UP BAGUIO (via zoom)	29 March 2022	73
4	Bachelor of Arts Language and Literature (BALL) Career Talk Part 2	CAC UP BAGUIO (via zoom)	29 March 2022	75
5	Speaking Truth to Power in the Time of Tyranny: An Online Forum on the Siege on Freedom of Expression	Baguio City (via zoom)	03 May 2022	135
6	Pre-Cordillera Creative Writing Workshop 2022 - Creative Writing in the Mother Tongue	CAC UP BAGUIO (via zoom)	25 August 2022	53
7	Pre Cordillera-Creative Writing Workshop: Book Talks	CAC UP BAGUIO (via zoom)	26 August 2022	44
8	Investigative Journalism in the Era of Disinformation	Baguio City (via zoom)	15 September 2022	120
9	DULAANG UP BAGUIO: Mass Orye (Day 1)	CAC UP BAGUIO (via zoom)	14 October 2022	48
10	DULAANG UP BAGUIO: Mass Orye (Day 1)	CAC UP BAGUIO (via zoom)	15 October 2022	45
11	CAC Talastasan Lectures 2022 titled "Media and Modalities"	CAC UP BAGUIO (via zoom)	28 November 2022	95
12	10th Darnay Demetillo Artist Award Painting Workshops	FA Room 101, CAC, UP Baguio (on site)	05-31 July 2022	50
13	Introductory Workshop on Repousse' by Joseph Andrew Carvajal	NCCA Gallery, Intramuros, Manila (on site)	06 July 2022	20

<b>COLLEGE OF SCIENCE</b>				
1	Basic Instrumentation of Liquid Chromatography and Mass Spectrometry	University of the Philippines Baguio	9 November 2022	57
2	Enzyme-linked Immunosorbent Assay (ELISA) workshop	University of the Philippines Baguio	13 December 2022	30
3	Intensive Training Program	University of the Philippines Baguio	25 July - 17 August 2022	12
4	Kanazawa University - UPB Joint Seminar on Mathematics: Algebra and Number Theory	University of the Philippines Baguio	01 August 2022	30
5	Kanazawa University- UP Baguio Joint Seminar in Mathematics	University of the Philippines Baguio	08 February 2022	30
6	Mathematics Teachers Training (A Faculty Development Program)	University of Saint Louis Tuguegarao (via Zoom)	04-05 February 2022	30
7	National Science and Technology Week Lecture series	University of the Philippines Baguio	21-26 November 2022	203
8	Native Plants Week 2022	University of the Philippines Baguio (via Zoom)	14-18 November 2022	30
9	Project Step-up on Investigative and Modelling Skills of Math Mentors (SIMS) - Math Writing Using LaTeX	DepEd Regional Office 1 BCD (via Zoom)	18, 25 November & 09 December 2022	40
10	Summer Institute in the Natural Sciences and Mathematics-Biology	University of the Philippines Baguio (via Zoom)	25-27 April 2022	133
11	Summer Institute in the Natural Sciences and Mathematics-Chemistry	University of the Philippines Baguio (via Zoom)	20 April 2022	213
12	Summer Institute in the Natural Sciences and Mathematics-Geology	University of the Philippines Baguio (via Zoom)	21 April 2022	152
13	Summer Institute in the Natural Sciences and Mathematics-Human Kinetics Program	University of the Philippines Baguio (via Zoom)	18-20 April 2022	47
14	Summer Institute in the Natural Sciences and Mathematics-Mathematics and Computer Science	University of the Philippines Baguio (via Zoom)	06-08 April 2022	969
15	Summer Institute in the Natural Sciences and Mathematics-Physics	University of the Philippines Baguio (via Zoom)	19 April 2022	254
16	Training Workshop on Mathematics Investigation	DepEd Regional Office 1 BCD (via Zoom)	27-29 September 2022	40

COLLEGE OF SOCIAL SCIENCES				
1	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 1: Role of University Museum in Tourism Development and Creative Industry	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	03 March 2022	153
2	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 2: Role of Museum Boards in University Museum	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	10 March 2022	182
3	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 3: Disaster and Risk Management in Museums	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	11 March 2022	168
4	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 4: Planning your museum: Museum Design and Architecture	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	17 March 2022	183
5	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 5: The Importance of Preventive Conservation	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	24 March 2022	184
6	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 6: Preserving Ethnographic Artifacts in Museums	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	25 March 2022	174
7	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 7: Conservation of Archival Materials	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	31 March 2022	182
8	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 8: Museum Information System and Collections Database: A Case Study of Museo Kordilyera	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	01 April 2022	165
9	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 9: Preparing A Museums Policy Manual and A Collections Management Policy Part 1 & 2	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	08 April 2022	311
10	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 10: How to make videos from your Museum Exhibition (Part 1)	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	21 April 2022	167
11	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 11: How to make videos from your Museum Exhibition (Part 2)	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	22 April 2022	161
12	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 12: Conceptualizing and Creating Content for Museum Exhibitions	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	28 April 2022	157

13	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 13: Writing Texts and Interpreting Museum Exhibitions	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	29 April 2022	157
14	CSS SSREI Program: Formalized Curiosity- Foundations of Business Research Methods	CSS UP Baguio (via Zoom and Youtube live)	05 May 2022	185
15	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 14: Research on Museum Collections: Mapping Philippine Material Culture Project	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	05 May 2022	145
16	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 15: Conceptualizing a Travel Exhibition: The Case of the National Museum of the Philippines' Piña-seda Program	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	06 May 2022	130
17	CSS Lecture Series: INVESTikahan 101	Institute of Management UP Baguio (via Zoom and Youtube live)	05 May & 10 June 2022	101
18	CSS SSREI Program: Local Sources of Philosophizing	CSS UP Baguio (via Zoom and Youtube live)	06 & 11 June 2022	130
19	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 16: Community Engagement with University Museums	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	12 May 2022	152
20	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 17: Exhibition Design and Fabrication	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	19 May 2022	134
21	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 18: Developing A Museum Website	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	02 June 2022	150
22	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 19: Developing 3D Museum	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	03 June 2022	123
23	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 20: -Digital Museums: A Case study of the Ayala Museum	Museo Kordilyera UP Baguio (via Zoom and Youtube live)	10 June 2022	141
24	MUSEUM MANAGEMENT TRAINING for HEIs YEAR 2 Day 21: Level 2, Hands-on Training Workshop	The Orchard Hotel Baguio and Museo Kordilyera UP Baguio	02-05 August 2022	120

25	CSS Lecture Series: Indigenous Inspired Peace Ecology- International Day of the World's Indigenous Peoples	CSS UP Baguio (via Zoom and Youtube live)	09 August 2022	99
26	CSS Lecture Series: 113th Baguio Chapter Day	CSS UP Baguio (via Zoom and Youtube live)	09 September 2022	137
27	Research Forum: Research on Indigenous Communities: How can faculty and students prepare for FPIC in Research?	CSS UP Baguio (via Zoom and Youtube live)	12 October 2022	222
28	SSREI: Training on Basic Facilitating Techniques	Bokod, Benguet	26 October 2022	41
29	CSS Lecture Series: He Looks Not Like One of Us, But He Has The Same Heart- Indigenous onto- Epistemologies	CSS AVR UP Baguio	12 November 2022	40
30	Philosophy Week: "The Critical Potential of Erich Fromm's Humanistic Psychoanalysis: Normative Humanism and Its Key Assumptions"	CSS AVR UP Baguio	14 November 2022	55
31	DEPS CAMP: Career Talk	CSS AVR UP Baguio	21 November 2022	100
32	CSS Lecture Series: Why Still the University? Reflection on Institutional Autonomy	CSS UP Baguio (via Zoom and Youtube live)	28 November 2022	115

## 2022 Accomplishment Report



## ACKNOWLEDGMENTS

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