

2020

ANNUAL REPORT 2019 - 2020

**SME STUDENT CHAPTER
UNIVERSIDAD CATÓLICA
DE SANTA MARÍA**



"Talent has no gender, it is human and opportunities must be given on equal terms"

ACTIVITY SUMMARY

In this report we will capture all the activities carried out during the last year by the SME Student Chapter UCSM



GREAT GOALS ACHIEVED

During this last year we obtained important achievements, but it is only the beginning of the path to reach to be the best Student Chapter



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Executive Summary

The Catholic University of Santa María is my compilation to present the annual balance of the final period that includes financial management, board reports, activities carried out on and off campus, achievements and various future expectations that are expressed in the period 2019-2020.

In our second year as a student chapter we had several challenges and challenges to overcome, our first objective this year was to consolidate as the leading student association for excellence in our school and university, which we have been able to obtain thanks to the achievements in various national competitions for the effort and merit of our members.

Our members found in the student chapter a second family where they could improve as people, their relationships, academic aspects, technical aspects and even develop new skills and abilities which allow us to be better professionals in the long run.

As a student chapter, we managed to emphasize the area of innovation and research, which we proposed last year, where we were able to participate in important events and participate in the organization of various activities which are skills and knowledge of the members of our student chapter.

We are very satisfied with all the performance shown throughout this period and at the same time very happy to have received the support and support of the representatives of SMEs, with our chapter already consolidated, now our projection is to continue participating in different contests and developing activities that enhance our abilities and grow our student chapter.



*Walter Alonso Bryan Aranda Retamozo
President SME - UCSM
2019 - 2020*

The current world is governed by various economic activities. One of the most important today and in Peru is Mining which contributes 12% of GDP. Our objective as a Student Chapter is to develop the abilities, aptitudes, abilities and virtues of the students of our house of studies. The main objective is to train competent professionals who make mining an innovative economic activity and above all responsible with the population and the environment. SME student UCSM chapter more than a group is a family where all received mutual support. Where our main motto of growth and learning is "The secret of development is in friendship"

Personally I am very satisfied with the results obtained as an organization and for having been part of this great family. The skills, the exchange of knowledge, the talent that was reflected in each activity were insurmountable and above all the bonds of friendship that were established were like those of a family.

I fully trust that the 2020-2021 directive achieves great things and, above all, will make this family grow even more. Managing to capture, develop and develop the talent of the future of our country.

*"The secret of development is in
friendship"*



Alejandro Rodrigo Orosco Beltrán
Vice president SME - UCSM
2019 - 2020

Big challenges in mining industry are always being faced by engineers and workers, that each day work hard to boost competitiveness, increase safety and have greater automation of processes. We as students need to be focus on this, and improve not only the technical capacity, but also other aspects that are really important to ensure professional excellence as leaderships skills, communication, adaptability to new technologies, being capable of innovate, and being socio environmentally responsible.

Being part of the chapter of Society for Mining, Metallurgy and Exploration from my university means a high interest, passion and self-education to reinforce and enrich my knowledge in mining.

Being elected as vicepresident represented an opportunity to develop soft skills and a big responsibility that I have been able to manage with the constantly support of every single member of the chapter where unity, perseverance and teamwork have been the pillars of the group.

In the last 2 years our career has been capable to grow in big steps, one of the reasons of this is to open up chapters such as SME chapter with the effort of graduated students, that always encouraged us to expand our limits and showed us the right direction to keep going as a career and achieve international recognition. Finally, I want to thank for the opportunity provided to be part of this team and contribute to the growth of the chapter. I will always be aware of SME-UCSM, I hope we can continue growing and consolidating as a team.



José Alberto Gómez Llerena
Representative SME-UCSM
2019 - 2020

The behavior of the world as we knew it will change due to the pandemic that is being experienced and it will need people who adapt to this change, professionals with the ability to adapt to current and future needs, acting with responsibility and ethics.

Our goal as SME Student Chapter-UCSM, Arequipa is to instill and foster all the necessary skills in our students to excel in the mining industry, taking into account the importance of the impact it has on society and the environment. Personally I am very satisfied with the results obtained as an organization and for having been part of this great family.

All the experiences lived will remain as a good memory, the knowledge acquired and the network of contacts were the most outstanding aspects along with the strengthened ties of friendship.

I fully trust that the 2020-2021 directive will achieve great things and above all it will make this already formed family grow even more. Managing to capture, develop and reinforce the talent of the future of our country.

"Your talent determines what you can do, your motivation determines how much you can do"



ACTIVE MEMBERS 2019

#	Names	Condition	#	Names	Condition
1	Jose Alberto Gómez Llerena	Member	15	Gonzalo Alonso Sierra Tapia	Member
2	Alejandro Rodrigo Orozco Beltran	Member	16	Victor Gustavo Anco Lucay	Member
3	Cecilia Estefanía Aramayo Chávez	Member	17	Claudia Cahuana Carbajal	Member
4	Paul Anthony Choquehuayta Sanchez	Member	18	Piero Leon Aquino Martín	Member
5	Ana Fabiola Tejada Peralta	Member	19	Alejandro Cano Guitton	Member
6	Jose Carlo Ferrandiz Rodriguez	Member	20	José Carlo Li Yañez	Member
7	Ashley Patricia Salas Chávez	Member	21	Piero Vela Romero	Member
8	Lourdes Esteffany Gonzales Charca	Member	22	Brenon Marco Navarro Vargas	Member
9	Renato Edu Díaz Valdivia	Member	23	Fabrizio Sebastián Chirinos Cervantes	Member
10	Xiomara Sandra Ashworth Apaza	Member	24	Jose Obando Luna	Member
11	kleyder Jaita Condo	Member	25	Bruno Paolo Ramos Benavides	Member
12	Nelson Wender Quispe Quispe	Member	26	Ricardo Mauricio Manchego Lara	Member
13	Carlos Antony Durand Martinez	Member	27	Antony Zevallos Castillo	Member
14	Fabrzzio Martín Charca Huaricallo	Member	28	Reynaldo Coaquira Huilca	Member
			29	José María Gonzales	Member

ACTIVITIES



MONTHLY MEETINGS

During the year 2019 monthly meetings are held where progress, contributions and proposals were reported for the student chapter to be productive throughout the year. We managed to focus on objectives and achieve them over time. We managed to conclude the organization of courses, contests and fraternization activities.

ENGLISH PRESENTATIONS

The regularity of our meetings varied between 2-4 times a month, depending on the planned schedule and the activities that we had to carry out in the short term. The presentations in English were very beneficial for all the members, since unlike a traditional course, the participants had to expose on a technical topic of mining which added an extra difficulty since they had to have a very good previous preparation, that they included extensive readings on the specific technical subject and learning of various concepts related to the topic to improve our technical language.



Figure 1: Monthly SME meetings - UCSM

ANNOUNCEMENT

APRIL - 2019

The call was made in April where we had the presence and support of former Vice President Kevin Coyantes Castillo, with whom we were able to impact more than 150 students.

It was possible to orient and explain what SME was as an organization, what its presence was in Peru and what were the benefits they offered to the students and the career line that they could form over time.



Figure 2: Call SME - UCSM
Walter Aranda President 2019



Figure 3: SME call - UCSM

The impact was very high and interest in students increased. This was our first activity of the year and we started it off on the right foot.

SME DESIGN AND PLANNING COMPETITION - PERUMIN

Participantes:

- José Ferrandíz Rodríguez
- Roger Valdivia Salazar
- Christian Rodríguez García
- José Gonzales Flores
- Carlo Ara Flores



Figure 4: Planning Team - PERUMIN

In September 2019, the members of the SME Student Chapter UCSM participated in the design and planning contest within the framework of PERUMIN; where various Peruvian universities participated. They had an arduous preparation throughout the year and managed to learn various things including real teamwork. They maximized their abilities and gave their best.

Junto con el apoyo de la escuela profesional de ingeniería de minas lograron alcanzar sus objetivos, los cuales fueron propuesto semanalmente. No lograron llevarse un puesto, pero ganaron experiencia y una amistad duradera.

PERUMIN VOLUNTEERING 2019

In the month of September 2019 before a new support policy within the largest mining convention in Peru, PERUMIN 2019. University students as outstanding from Peru were invited to participate in the support volunteer, where SMCS Student Chapter UCSM was present .

The active members of our chapter were invited to participate in this volunteerism taking great experiences from which they can learn a lot and in turn they attended various conferences that strengthen their academic and personal skills.



Figure 5: PERUMIN volunteering -
Renzo Chara Medina



Figure 6: PERUMIN volunteering -
José Obando Luna

NATIONAL MEETING OF PRESIDENTS OF SME STUDENT CHAPTERS

In September 2019, SME was pleased to invite all the presidents of the SME student chapters nationwide to the third planning competition award, where the winning university was the National University of Engineering. This was done in the city of Arequipa.



Figure 6: SME Planning Contest Award

PARTICIPATION IN THE NATIONAL MEETING OF STUDENT CHAPTERS - XV CONEIMIN

In the month of november 2019, the student chapter had participation in the national meeting of student chapters, where we had the presence of SME, WIM, ISEE, mining Amautas.

On the other hand, we were pleased to have the presence with the general manager of SME Latin America, Marissa de Amico who was kind enough to support us in the informative talk and provide us with the latest news that SME had to offer to students.

We were also pleased to receive the SME chapter student from Colombia belonging to UPTC University.



Figure 7: National meeting of student chapters

ORGANIZATION OF MINING RESCUE CONTEST XV CONEIMIN

InThe XV CONEIMIN (national congress of mining engineering students, had the pleasure of inviting the SME student chapte UCSM to participate in the organization of the "mining rescue" contest where more than 15 universities participated nationwide.

The work done required months of preparation and hard work on the part of the chapter, however the results obtained were successful.

The contest had general lines of rescue with ropes, rescue in confined spaces, firefighting, MATPEL and first aid.

Finally we had the National University of San Agustín de Arequipa as winner.



Figure 8: Mining Rescue Competition - XV CONEIMIN

ORGANIZATION OF MINING RESCUE CONFERENCE XV CONEIMIN

At the XV CONEIMIN (National Congress of Mining Engineering Students, I had the pleasure of inviting the SME UCSM chapter to participate in the organization of the "mining rescue" conference in which more than 15 universities from all over the country participated.

In this conference the competing universities transmit all their achievements through time, their training, career line, experiences, etc.

The main objective of this conference was to unify the concept of security among all the participants and to delve into a more consistent objective, which is to safeguard the lives of others.



Figure 9: Mining Rescue Conference - XV CONEIMIN

CONFERENCE ANNUAL AND EXPO -SME

Every year the SME organizes the Annual SME Conference. And in this edition, from February 25 to 28, the event was held in the city of Minneapolis, Minnesota, with the presence of 7,000 registered professionals and 800 exhibiting companies. This conference is a multidisciplinary meeting of the industry and professionals where they have the opportunity to interact with market leaders, obtaining the possibility of increasing their visibility. Thus, the objective of this event is for companies to present their products or services and generate ideas for the future. But it also seeks for professionals to participate in the technical sessions, work meetings and different social, academic and technical events that take place in the context of this conference.

Thus, there was a large participation of companies and professionals from Latin America. Therefore, a greater interest of the attendees towards projects in the region was observed. This was reinforced thanks to the conference program that had topics related to mining in Mexico, Chile, Argentina and Peru. Likewise, Estefanía Aramayo and José Gómez, members of the SME student Chapter UCSM, had the opportunity to travel and participate in this conference, which brought great experiences.



Figure10: SME Annual Conference
Cecilia Aramayo - José Gómez

MOMENTS



Figure11: SME Annual Conference
José Gómez

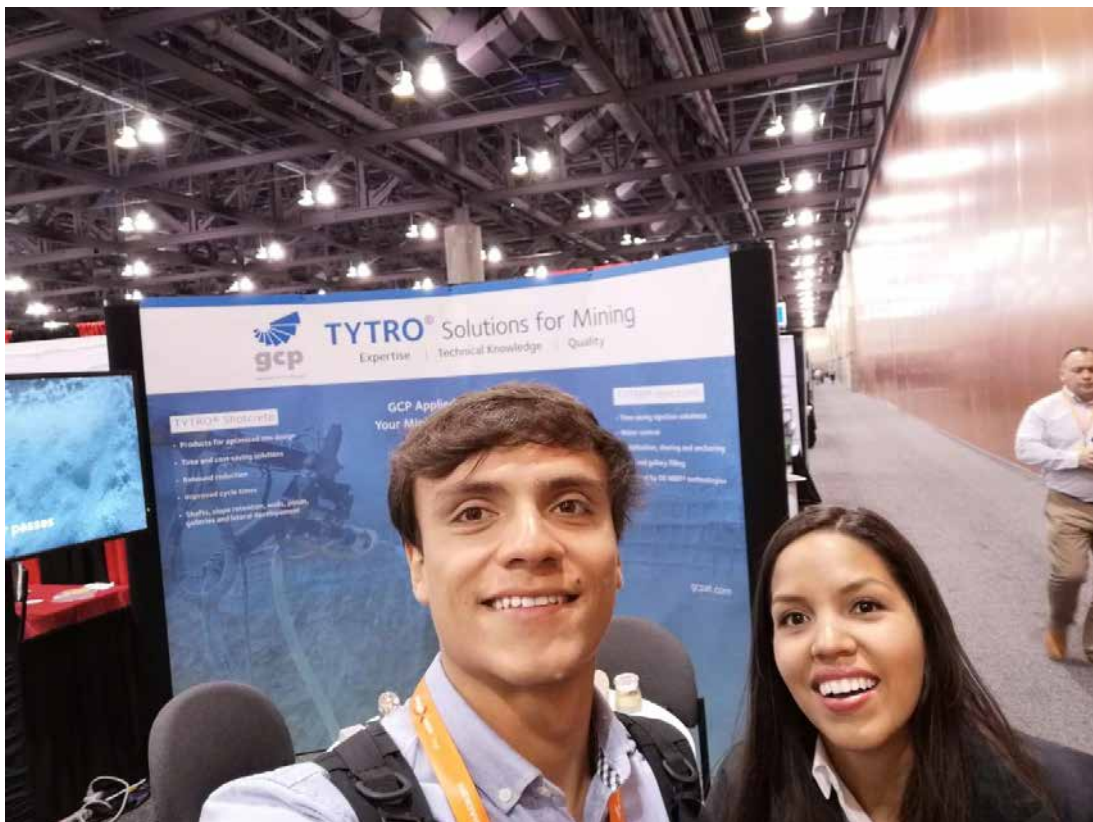


Figure12: SME Annual Conference
Cecilia Aramayo - José Gómez



Figure13: Call SME - UCSM
Ex Vicepresident 2018



Figure13: Call SME - UCSM
Kevin Coyantes ex Vicepresident 2018



Figure14: Call SME - UCSM
Presidenet Walter Aranda



Figure 15: Mining Rescue Competition - XV CONEIMIN



Figure 16: Mining Rescue Competition - XV CONEIMIN
lightweight structures



Figure 17: Mining Rescue Competition - XV CONEIMIN
rescue in heights



Figure 18: Mining Rescue Conference - XV CONEIMIN
Piura - region



Figure 19: Mining Rescue Conference - XV CONEIMIN
Cusco region



Figure 20: Mining Rescue Conference - XV CONEIMIN
Piura - region