# TABLE OF CONTENTS

President’s Report 3
Secretary’s Report 5
  Officers 6
  Members 7
Treasurer’s Report 10
  Balance Brought/Carried 11

# SME ACTIVITIES

Participation in the 2018 SME Annual Conference & Expo 12
I Call for new members 2018 14
Barbecue & Raffle - Generation of funds for our chapter 16
Participation in the 3rd Hackathon 2018 18
MINESIGHT Mining Software Workshop 20
Participation in the MOVE MINING 2018 22
I Course Mining Workshop Pre-Professional Practices 27
II Call for new members 2018 29
Online Voting and TINKU Video Promotion 31
IV Seminar Mining for Development Challenges in the XXI Century 33
II Minerosur Congress 2018 - Mine Planning Competition 38
SME Confraternity Dinner 39
Participation in the 2019 SME Annual Conference & Expo 41
Pre-Professional Practices at Anglo American Quellaveco 44
Mining Thursday 46
PRESIDENT’S REPORT

When I was in the fourth cycle of the professional mining Engineering career, I learned about the Society for Mining, Metallurgy & Exploration, which means belonging to this great international mining organization and the benefits it offers. At that time, I knew I wanted to belong to this organization and, in this way, strengthen my skills to be a good professional in the future.

Then, I had the opportunity to be part of the team that would participate in the second design and mine planning contest organized by the Society for Mining, Metallurgy & Exploration in the framework of the PERUMIN 33 Mining Convention developed in Arequipa city, contest in which we got the FIRST PLACE. This great achievement allowed us to position ourselves among the best universities in the country, and thanks to this we were able to travel to USA, to participate in the 2018 SME Annual Conference & Expo in Minneapolis city, in Minnesota state.

In our return, and beginning our academic work at university, I was elected as the president of the SME Student Chapter UNAM for the period 2018-2019. I took on this challenge thanks to the support and trust of my colleagues and our Faculty Sponsor, Eng. Kemper Portocarrero Ramos.
We know that the unity between the university and the mining company is very important; we have professors who are engineers of Southern Peru Copper Corporation, and we count with their constant support for the development of our profession. The activities, academic, technical and soft skills development are carried out jointly with them, they are a great support for our organization.

In our management, we had great challenges that we overcome with much effort, we participated in the II MOVEMINING Contest, carrying out an activity of social projection in Ichuña town, in Moquegua mountain range, we organized the IV Seminar: Mining for Development, Challenges in the XXI Century and we participated in the 2019 SME Annual Conference & Expo in Denver city, in Colorado state, USA.

I feel very grateful for the opportunity to lead this amazing student chapter, I know that my work does not end here, my commitment is to continue growing as a professional and spread the importance of belonging to this great organization such as the SME.

In this report, you can witness how much we learned and how much we have grown up as part of the SME.

Daniel Edson Colque Calizaya
President 2018-2019
SECRETARY’S REPORT

The SME Student Chapter UNAM meetings were held in the Auditorium of the Pavilion of the Professional School of Mining Engineering of the National University of Moquegua, where there was a regular presence of approximately 20 members in the ordinary meetings.

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<tr>
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<td>31-10-2018</td>
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<td>Minute Nº 9</td>
<td>27-12-2018</td>
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</table>

Location: Auditorium of the Mining Engineering Pavilion

Within these meetings the activities carried out by the SME Student Chapter UNAM were defined, as well as the establishment of the roles of each member to carry out an excellent activity, so we continue to hold the Seminar "Mining for the development, challenges and challenges of the 21st century. Which, year after year is developed in the best way, receiving the recognition of our assistants."
Our executive board for the period 2018-2019 is integrated as follows:

Javier Salazar  
Local Section Counselor

Kemper Portocarrerero  
Faculty Sponsor

Daniel Colque  
President

Nicole Vargas  
Vice-President

Claudia Ramírez  
Secretary

Sandra Apaza  
Treasurer

Claudia E. Ramírez Chipana  
Secretary 2018-2019
List of members of the SME Student Chapter UNAM:

<table>
<thead>
<tr>
<th>No.</th>
<th>Surnames and Names</th>
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<th>Condition</th>
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<td>Alcazar Alvarez, Donny Alexander</td>
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<td>3</td>
<td>Chuquihuanca Misme, Elvis</td>
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<td>Clemente Venegas, Wilson</td>
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<td>Colana Nina, Bryan Ronald</td>
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<td>Colque Calizaya, Daniel Edson</td>
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<td>Cuayla Benites, Brian Berny</td>
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<td>Davila Paca, Eugenio Basilio</td>
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</table>
TREASURER’S REPORT

During the time that I joined this prestigious company I assumed the position of treasurer, during my stay I had the opportunity to interrelate with colleagues in a fraternal way, together we achieved the proposed objectives of expanding the knowledge of the mining activity developed in a sustainable manner and with responsibility Social.

As a student chapter, we present an audiovisual work titled "Tinku" of a social action carried out in Ichuña district (Moquegua, Peru). Where the young people shared with children and settlers about the importance of mining activity.

The third place in the Competition of New Members Registration for the Student Chapter of the SME was also obtained, being surpassed by the National University of Colombia and the Duluth University of Minnesota.

We support the university delegation that traveled to the USA from February 25 to 28, 2018 to present their winning project in the World Final Design and Mine Planning Contest that took place within the framework of the 2018 SME Annual Conference & Expo, at Minneapolis Convention Center, located in Minnesota state.

The funds were obtained from the different training courses and other activities. The balance we leave is positive, administered with total effectiveness and honesty.
## SME STUDENT CHAPTER UNAM - ACTIVITIES 2018-2019

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<tr>
<th>ACTIVITY</th>
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<td>Acquisition of Shirts</td>
<td>May-2018</td>
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**S/. 1,429.60**

**S/. 2,094.50**

Sandra Isabel Apaza Paye  
Tresaurer 2018-2019
PARTICIPATION
2018 SME ANNUAL CONFERENCE & EXPO

Date: From February 25 to 28, 2018
Location: Minneapolis Convention Center, MN
Category: Technical / Professional

After that we have won the first place in the II Mine Design and Planning Contest organized by the Society for Mining, Metallurgy & Exploration under the PERUMIN 33 Mining Convention; our colleagues: Brian Vargas Juarez, Anderson Jeronimo Garnica and Daniel Colque Calizaya traveled to the United States to present the winning project to the Student Affairs Subcommittee of the SME at the 2018 SME Annual Conference & Expo that took place in Minneapolis city, Minnesota state.

The three students of Mining Engineering of the National University of Moquegua, members of the SME, were accompanied by our Faculty Sponsor, Eng. Kemper Portocarrero Ramos. In this event, our colleagues participated in different conferences of high level professionals, attended a mining exhibition hall, where companies and institutions related to mining exposed the benefits they offer.
It is important to have this approach to international institutions and companies to broaden the vision as a professional that the student has. Our student chapter understands the need to participate in this event every year.
I CALL FOR NEW MEMBERS 2018

Date: May 04, 2018
Location: Professional School of Mining Engineering
(On campus)
Category: Special Projects

Recruiting new members to this society is one of the most important activities of our student chapter. In this first call, we have made visits to the classrooms of the different cycles of the professional school of Mining Engineering of the National University of Moquegua. We share with our colleagues the benefits of belonging to this great world mining organization, the achievements we achieve and the goals we have set in our management.

This call was made in May 2018, in parallel with the organization of the IV International Mining Congress COMASURMIN, organized by our school and Southern Peru Copper Corporation.

In this opportunity we added more than 15 members to our chapter, fulfilling the goal that had been proposed initially.
CONVOCATORIA
STUDENT CHAPTER UNAM

VEN Y ÑE PARTE DE LA SOCIEDAD DE MINERÍA MÁS GRANDE DEL MUNDO

INVITÁMOS A TODOS LOS ESTUDIANTES RELACIONADOS E INTERESADOS CON EL SECTOR DE LA MINERÍA A FORMAR PARTE DE NUESTRO CAPÍTULO DE ESTUDIANTES DEL SME “SOCIETY FOR MINING, METALLURGY & EXPLORATION”

TE ESPERAMOS EN EL AULA 1 DE LA EPIM DE 8:00 AM A 12:00 AM DEL 30 DE ABRIL AL 4 DE MAYO

984086102
975112771
smechapter.unam@gmail.com
Prolong. Calle Ancash S/N, Moquegua
GENERATION OF FUNDS FOR OUR CHAPTER
BARBECUE

Date: June 16, 2018
Location: Professional School of Mining Engineering
(On campus)
Category: University service. Social

Our student chapter prepared a barbecue at the National University of Moquegua. In this barbecue participated students and members of the SME of the Professional School of Mining Engineering. Our team started the hard work from 7:00 am to 4:00 pm. The assistants could enjoy a delicious barbecue at a very comfortable price; in addition to an ice-cold soda. There was also an area where diners could watch the first soccer match that the Peruvian team played in their return to FIFA world cup.

At the end of the activity, everyone was very satisfied with the support of the people who were able to participate.
RAFFLE

Date: June 28, 2018
Location: Professional School of Mining Engineering
Category: University service. Social

Our student chapter held a raffle at the Professional School of Mining Engineering. Students, professors and chapter members participated in this raffle.

The raffle prizes were donated by professors and engineers from Souther Peru Copper Corporation. The raffle began at 12:00 pm, in which different prizes were awarded, such as t-shirts, backpacks, money, a bottle of wine, among others. The lucky winners left very happy and committed to continue supporting in this type of activities.

The money raised in these activities was allocated so that members of the chapter can participate in the 3rd Hackaton towards the PERUMIN 34 developed in Lima city.
PARTICIPATION
THE 3RD HACKATHON 2018

Date: June 28, 2018
Location: Professional School of Mining Engineering
Category: University service. Social

Chapter members, heads of practice and teachers of the National University of Moquegua (UNAM), participated in the 3rd Hackathon organized by the National Society of Mining, Petroleum and Energy (SNMPE) held at the ESAN University on July 6, 7 and 8 in Lima, Peru.

Our chapter participated through two teams presenting innovation proposals in Hackathon SNMPE 2018, which created a heat pump to mitigate the effects of frost in mining camps and software that manages blasting processes in open pit mines.
The "PROMETEO" team presented the project of a heat pump driven by a vertical shaft turbine that is easy to install, which captures winds in any direction, an idea focused on the well-being of workers in mining camps located in high altitude areas, especially in the frost season.

On the other hand, the "MINERO UNAM" team presented a specialized QCE Software for blasting operations, a program connected to a virtual platform that stores information on operations with explosives, managed by mobile teams, which allows to manage, monitor, monitor in real time and perform continuous improvements throughout the open pit blasting process.
MINESIGHT
MINING SOFTWARE WORKSHOP

Date: From July 06 to 21 2018
Location: Professional School of Mining Engineering
Category: Technical / Professional

Our chapter conducted an open training for students from mining-related careers, with the participation of members of our chapter as speakers, sharing their knowledge acquired in higher cycles and university internships.
In the module, basic tools were developed in such a way that the performance of this software is understandable, with a free license delivered to the university.

An open-pit mine design simulation was developed developing CAD tools, and the design of drilling holes on a ramp was carried out.

The activity of the course was developed with the objective of capturing the attention of the members of our chapter and making known the importance of the domain of mining software, giving them a base of mine planning and simulation.
PARTICIPATION
MOVE MINING 2018

Date: From August 28 to 31, 2018.

Location: Ichuña District, Sanchez Cerro Province, Moquegua Region

Category: University Service. Involvement with other organizations

As part of the activities planned by our chapter, we participated in the 3rd Edition - Move Mining.

The objective of this activity was to raise awareness among both children and adults about the importance of mining and its contributions to society; in this way, make a video of the entire process. We carried out this work in the Ichuña district, Sanchez Cerro province, Moquegua region.
The population of this district is approximately 2,902 inhabitants, it presents a very undulating and varied topography from the broken waves of Totalaque to the Hualka mountain range. Its climate is very varied, both day and night, presents differentiated temperatures, the maximum range from 10 °C to 20 °C and the minimum of -9 °C to -15 °C.

Our work was carried out from August 28 to 31, with a delegation of 20 students, we traveled to the Ichuña district and we were developed different topics in a large sport center. We were received support from the Ichuña municipality and from the mining company Buenaventura S.A.A.; Mayor Ángel Mamani Roque provided us with support and accommodation for the entire delegation of students, the mining company Buenaventura S.A.A. he supported us with transportation and the UNAM subsidiary Ichuña gave us materials and equipment to carry out our activities with children and parents.
Our schedule of activities was as follows:

Tuesday, August 28

14:00 - 20:00 Trip to Ichuña district
20:00 - 21:00 Dinner
21:00 - 22:00 Installation in rooms and rest

Wednesday, August 29

07:00 - 08:00 Breakfast
08:00 - 10:00 Visit to Ichuña Municipality, Buenaventura and UNAM. Preparation of Activities.
10:00 - 12:00 Invitation to classroom students. Initial, Primary and Secondary.
12:00 - 13:00 Lunch
13:00 - 16:00 Preparation of activities. Recordings
16:00 - 17:00 Activity: "Mining Ball"
17:00 - 18:00 Activity: "Mineral Hardness Scale"
18:00 - 19:00 Activity: "Minerals in Life"
19:00 - 20:00 Dinner and rest
Thursday, August 30

07:00 - 08:00 Breakfast
08:00 - 12:00 Preparation of Activities. Recording landscapes of the area. Interviews
12:00 - 13:00 Lunch
13:00 - 16:00 Preparation of activities. Recordings
16:00 - 17:00 Activity: "Minerals in our life", "Finding the Deposit"

Friday, August 31

06:00 - 07:00 Breakfast
07:00 - 13:00 Return to Moquegua city
19:00 - 20:00 Dinner and rest
The call was massive, it was possible to teach about the different minerals that our land possesses, as well as its benefits to society, through games and power point presentations. We received the praise of the mayor, as well as the other authorities of the district. We are very happy to have carried out an activity of such magnitude that it involves municipal authorities, mining company, university, population and students.
I COURSE MINING WORKSHOP
PRE-PROFESSIONAL PRACTICES

Date: From August 14 to September 9, 2018
Location: National University of Moquegua (On campus)
Category: Technical / Professional. University service

In order to contribute to the formation of students of the Professional School of Mining Engineering of the National University of Moquegua, our professor Eng. Jose Antonio Salas Medina (Senior Geologist at Southern Peru Copper Corporation) together with the SME Student Chapter UNAM managed to carry out the First Professional Practices Mining Workshop Course, with the objective of guiding the students, who are close to carrying out their Pre-Professional Practices, through workshops held by professionals linked to the mining sector who delightedly accepted the invitation.

In this way, this activity not only served for the speakers to reinforce basic knowledge in mining, but also worked as a discussion in which the same speakers shared their experiences in addition to answering the concerns of all participants provided valuable advice in order to that students can develop with greater confidence in their first big step, which are pre-professional practices.
"I am committed to continuing with these workshops that are of great benefit to these young enthusiasts for their personal, academic and professional growth."

Eng. Jose A. Salas Medina
I Course Mining Workshop
Pre-Professional Practices
President
II CALL FOR NEW MEMBERS 2018

Date: From September 24 to 28, 2018
Location: Central Auditorium of the National University of Moquegua
Category: Special Projects

In this second call, we made a presentation of the Society for Mining, Metallurgy & Exploration in the Central Auditorium of the National University of Moquegua. In this opportunity we have the presence of our Faculty Sponsor Eng. Kemper Portocarrero Ramos and our Past President Bach. Winston Curo Quispe, who shared with our colleagues the benefits of belonging to this great world mining organization, the achievements we achieved and the goals we have set.

This call was made in September 2018, at the beginning of the period 2018-II of the start of academic activities of the UNAM. In this opportunity we added more than 15 members to our chapter, fulfilling the goal that had been proposed initially.
2da CONVOCATORIA DE NUEVOS MIEMBROS 2018

BENEFICIOS:
Conexión de redes
Documentos técnicos y publicaciones
Formación técnica colega a colega
Desarrollo profesional
SME Comunidad en línea
Base de datos OneMine
Becas en U.S.A.

CONVOCATORIA: JUNIO 2018

Invitamos a todos los estudiantes y profesionales relacionados e interesados en el sector minero a formar parte de nuestro Capítulo de Estudiantes del SME de la Universidad Nacional de Moquegua.

¡SÉ PARTE DE LA SOCIEDAD MINERA MÁS GRANDE DEL MUNDO!
After our activity in Ichuña district, a video was made of the whole process to participate in the 3rd Edition - Move Mining. In the final video you can see the activities that took place in the large Ichuña sport center, as well as the arduous preparation of the student delegation to start the activities, the stories of the residents of the district, who understood well that so important are the minerals for our society and some landscapes that the beautiful territory of Ichuña gives us.
In order to participate in the final in the framework of The 2019 SME Annual Conference & Expo held in Denver, CO., We had to obtain the most votes from our video uploaded to the movemining.org page, so we promoted and disseminated our video TINKU in the different careers of our university and different media, so colleagues and members of the chapter explained what our purpose was and what we wanted to show. We had the support of many students, as well as administrative and teaching staff, we also uploaded the video to our official Facebook fan page SME - Student Chapter - UNAM, which gave us the opportunity to show the world our project, thanks to this process of diffusion, is that we got to obtain the FOURTH PLACE in the list of votes.

We did not present our project at the event in Denver, CO, but we are pleased to have done an excellent job. All this work together with our colleagues, helped us to understand how important it is to spread the presence of mining in our society, in addition, we develop our soft skills, as many colleagues had small problems to speak in public or develop in this type of activities, but now, all that was overcome.
IV SEMINAR
MINING FOR DEVELOPMENT
CHALLENGES IN THE XXI CENTURY

Date: From November 15 to 17, 2018
Location: National University of Moquegua (On campus)
Category: Technical / Professional. Social

The most representative activity of our chapter is the IV Seminar: "Mining for Development: Challenges in the XXI Century". The main objective of this seminar is to show the challenges that mining is facing today and what are the actions that different companies and institutions take to find a solution according to the new technologies, new mining projects and processes that are developed during the operation of an activity mining. This seminar was an activity carried out thanks to the support of all the members of the chapter. For this edition it was possible to count on the support of different companies such as: Southern Peru Copper Corporation, Anglo American Quellaveco, Mining Company Buenaventura, Yura, Varel, Famesa, Nexa Resources, Pevoex, Orica, Exsa, among others. This was the participation of different students of the Professional School of Mining Engineering (UNAM), graduates, professionals, teachers and general public.
Some of the topics presented in this edition of the seminar were:

- Mining geological potential in Southern Peru
  *Eng. Jose Salas Medina* - SPCC

- The future of lithium mining in Peru
  *Eng. Ulises Solis Llapa* - MACUSANI YELLOWCAKE

- Electronic initiation system
  *Eng. Víctor Vega Martínez* - ORICA

- Technological improvements in rock blasting
  *Eng. Julio Accinelli Oliva* - EXSA

- Chemical hydrometallurgy and gold extraction engineering
  *Dr. Diogenes Uceda Herrera* - UNAM

- Shalipayco zinc project
  *Eng. Jean Guzman Jacobo* - NEXA RESOURCES
This activity was carried out in the Central Auditorium of the National University of Moquegua with the authorization of the Organizing Committee led by Dr. Washington Zeballos Gamez, the authority that gave the welcoming words and the beginning of the event. Technical visits were made to the Cuajone and Toquepala mining units of the Southern Peru Copper Corporation mining company.

To close the presentation of the papers, on November 16 at 8:00 pm a Gala Dinner was held at the "El Naranjal" event venue, where students from all delegations, professionals, representatives of different companies, participated. organizers and speakers.

In this seminar, for the first time, the 1st SME Cup was organized in the synthetic grass court "Urba", where chapters were held as: SME Student Chapter UNAP, SME Student Chapter UCSM, SME Student Chapter UNSA, students from the ITEP Institute and engineers from the Southern Peru mining company, the objective of this sporting activity was to create bonds of friendship between students and engineers.
At the end of this activity there was good criticism regarding the organization, so we aim to make a better seminar for this period 2019, since our goal has always been to improve all the activities that we set out to do.
II MINEROSUR CONGRESS 2018
MINE PLANNING COMPETITION

Date: From November 19 to 23, 2018
Location: National University Jorge Basadre Grohmman - Tacna
Category: Technical / Professional

The Second South Mining Congress 2018 was organized by teachers and students of the National University Jorge Basadre Grohmman of Tacna, among the activities they developed, there were competitions aimed at students, one of them was Mine Planning, where one of our fellow members of the SME, William Curo Zapana participated and achieved the first place.

“In the II MineroSur Congress, the short-term mining planning competition was held, where I had the opportunity to participate and be able to demonstrate all the skills learned in my professional mine school, besides I was able to compete with classmates from other schools and also form friendship with them”.

William Curo Zapana
Mining Engineering Student
SME Student Chapter UNAM - Member
SME CONFRATERNITY DINNER

Date: January 19, 2019
Location: Mr. Porky's Restaurant - Los Angeles, Moquegua
Category: Social

The SME Student Chapter UNAM, organized a Confraternity Dinner with the objective of paying homage to the authorities, teachers and student organizers of the IV Seminar: Mining for Development, Challenges in the XXI Century, which took place in the Meat Restaurant and grills "Mr. Porky's"

This dinner was attended by our Local Section Counselor, Eng. Javier L. Salazar Muñoz and our Faculty Sponsor, Eng. Kemper A. Portocarrero Ramos, as well as teachers belonging to the Professional School of Mining Engineering of the National University of Moquegua.

The honor toast was celebrated with the words of the president of the Chapter of the UNAM, the student Daniel E. Colque Calizaya and words of thanks from our Local Section Counselor, Eng. Javier Salazar.
The attendees offered for the achievements obtained by the Chapter during the past year, sharing pleasant memories and expressing their desire to maintain link university and mining company. The occasion was propitious to carry out the delivery of a recognition plaque to our special guests, in recognition of the support provided in the activities carried out by the SME Student Chapter UNAM during the past year.

The recognition was made to:

- Dr. Washington Zeballos Gamez  
  President of the Organizing Committee - UNAM
- Ing. Jorge L. Florez Salas  
  Director of the E. P. Mining Engineering - UNAM
- Ing. Javier L. Salazar Muñoz  
  Local Section Counselor - SME Student Chapter UNAM
- Ing. Kemper A. Portocarrero Ramos  
  Faculty Sponsor - SME Student Chapter UNAM
- Ing. Jose A. Salas Medina  
  President I Course Mining Workshop Pre-Professional Practices
PARTICIPATION

THE 2019 SME ANNUAL CONFERENCE & EXPO

Date: From February 24 to 27, 2019
Location: Denver, CO. USA
Category: Technical / Professional. Social

Every year, THE SME ANNUAL CONFERENCE & EXPO is being held in the United States. Thus, this year 2019 it was possible to send two members of our chapter to this event, they are Wilson Clemente Venegas and Diego Adrian Quispe Anahua. They participated in the event that took place in Denver, CO. from February 24 to 27, thanks to the management of the chapter president Daniel Colque, and the constant support of the General Manager of SME Latin America, Mrs. Marisa de Amico, it was possible to obtain the benefit of being able to participate in this fascinating event.
This is an event in which the leading companies in the mining sector participate, as well as world-class professionals who work in different countries of the world. In a report provided by our colleagues Wilson Clemente and Diego Quispe is that it was known that they could witness the presentations of different professionals and especially the presentation of our Local Section Counselor, Eng. Javier Salazar Muñoz, Operations Manager Mina Cuajone of the company Southern Peru Copper Corporation, with its presentation "Cuajone Mine Expansion Project". As well as they could participate in a meeting in which different students of chapters from Latin America presented themselves; There, it was possible to touch on issues of strengthening ties between the chapters and how to do it, this meeting was led by Mrs. Marisa de Amico.

They were also participants in the exhibition in the Hall, in which different companies and companies showed their products and projects; they also had the opportunity to visit the Colorado School Of Mines, considered one of the best universities in the world in education related to mining; thanks to the invitation of two compatriots and students of that university, engineers Lee Zamalloa and Carlos Contreras, it is that this visit was achieved, our colleagues were able to visit different environments of the site, such as rock mechanics laboratories, mining software laboratories, library, university canteen and the Mining Engineering pavilion.
In this way, our colleagues represented us in this event bringing with them everything we learned, an experience that we know they will never forget. Thus, we propose to send two other members of the chapter to the next SME event to be held in the state of Arizona in 2020, strengthening and fueling their desire to learn more about this beautiful race that is mining.
PRE-PROFESSIONAL PRACTICES
ANGLO AMERICAN QUELLAVECO

Date: From January 7 to March 29, 2019
Location: Quellaveco Mining Camp. Torata, Moquegua.
Category: Technical / Professional.
\[ \text{Involvement with other organizations} \]

As part of the professional development of the students of the Professional School of Mining Engineering, three student members of the SME Student Chapter UNAM agreed, after a rigorous selection process, to the pre-professional practices offered by the mining company Anglo American. Our benefited members were, Edyth Marca Marca, Brando Herrera del Arroyo and our chapter president Daniel Colque Calizaya.

Our colleagues received initial training from the Institute of Quality of the Pontifical Catholic University of Peru (PUCP), strengthening capacities in Employability, Reportability, Safety Management and Occupational Health, Environmental Management, Mining Projects and Quality Management.
Continuing with the development of their practices, they were assigned to the Quellaveco mining camp, located two hours from the city of Moquegua, at an altitude of 3,500 meters above sea level. They carried out their functions in the area of Safety that depends on the Management of Safety and Occupational Health by Eng. Luis Navarrete.

Our three colleagues, left a pleasant impression on the supervisors and specialists of the Security area, opening the way for other students for next calls.
MINING THURSDAY

Date: Once a month  
Location: College of Engineers CD Moquegua  
Category: Technical / Professional. Involvement with other organizations

Tradition of Mining Thursday is carried out at the national level, organized by the Institute of Mining Engineers of Peru (IIMP). In the Moquegua region, IIMP Moquegua Section was founded in 2018, whose directive is comprised of:

Coordinator: Eng. Edgar Peña Valenzuela  
Secretary: Eng. Cesar Villa Alagon  
Treasurer: Eng. Ricardo Puerta Villagaray  
Vocal: Eng. Javier Salazar Muñoz

Since that year the mining mines were held at the College de Engineer CD Moquegua, one Thursday of each month at 7:00 pm. Since its inception, members of the SME Student Chapter UNAM, support the organization of this important event. This helps them strengthen soft skills, such as leadership, assertive communication and organizational skills.
In the present year, up to the time of writing this report, three mining Thursdays were held:

**March 28, 2019**

**Topic:** "Long-term Fine Copper Sustainability in Cuajone Mine"

**Speaker:** Eng. Javier L. Salazar Muñoz - Manager of Cuajone Mine (Southern Peru)

**May 2, 2019**

**Topic:** "SANG APU Gasified Emulsion: Eco-Friendly Innovation, Versatility in its use, technical and economic benefits"

**Speakers:** Eng. Lincer Tenazoa Tunjar - Famesa Explosives

Eng. Juan Carlos Rojas Cuba - Famesa Explosives

**May 23, 2019**

**Topic:** "How to overcome the Social Conflict that threatens to paralyze mining projects"

**Speaker:** Eng. Romulo Mucho Mamani - General Manager (Pevoex Contractors S.A.C.)
I have reviewed the Annual Report of the SME Student Chapter UNAM / National University of Moquegua of the Society for Mining, Metallurgy & Exploration for the 2018 - 2019 period and attest that the information presented is accurate.

Javier Leonardo Salazar Muñoz
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