Cooney Mining Club
New Mexico Institute of Mining and Technology

801 Leroy Place,  
Socorro, NM 87801  
NMTCooneyMining@Gmail.com  
5/31/2019
**Table of Contents**

President's Report .................................................................................................................................................. 3
Treasurer's Report .................................................................................................................................................. 4
Secretary's Report .................................................................................................................................................. 5
Members of the Cooney Mining Club 2018-2019 School Year ............................................................... 6
Activities Report ................................................................................................................................................. 7
President's Report

We decided on two main goals this year. The first was to get as many members as possible to attend the annual SME conference in Denver, Colorado. The second was to increase our community outreach around the New Mexico Tech campus to improve the perception of Cooney Mining Club and mining as a whole. I’m happy to say we smashed our expectations. We sent the largest group in our history to the conference and accomplished our community outreach goals.

Cooney Mining was able to fully fund the attendance, accommodations, and transport for thirty-two students for the annual SME conference in Denver. This was made possible by contributions from the university and the SME itself.

Once again, we dominated the 49ers celebration with our 2nd Annual Heritage Games. We were able to host the games over a two-day period due to the large influx of freshman into the Mineral Engineering Department. The games would not have been possible without generous donations from Wagner Caterpillar, the Southway family, and the Dobson family. Wagner Caterpillar allowed us to borrow an air compressor for the weekend. The Southway kindly donated a granitoid boulder from one of their quarries within New Mexico. The Dobson family donated an end-dump ore car body from the Nitt Mine in Magdalena, NM.

This year’s events included gold panning, two-man saw, jackleg drilling, hand steeling, and mucking. Overall, two-man sawing was the most popular event. We mad quite the impact and drew large amounts of attention to the club. Numerous mineral engineering alumni were present to witness the success.

Select Cooney members were asked to represent the university at the New Mexico Mining Association (NMMA) reception dinner in Santa Fe, NM on February 12th. They were able to rub shoulders with industry professionals and mining friendly politicians. Cooney members also appeared at the Santa Fe Round House for New Mexico Tech Day on February 19th. As a whole, New Mexicans are not a mining friendly group of people. As representatives of the Mineral Engineering Department we were able to educate members of the public on mining practices of the 21st century. Cooney members have been involved in recruitment activities. They have set up booths at transfer day fair, exploration day fair, as well as college fair at high schools. The club members were also involved with the event of 57th National Junior and Humanities Symposium, demonstrating jack-leg drilling, hand steeling, and gold panning to the student visitors. A group 50 high school students from various locations of the US were present. Several students tried drilling and gold panning.

Our St. Pat’s Celebration was pushed to the NMT Spring Fling event to assist the Student Government’s plans. We coordinated with other on-campus clubs to offer a BBQ and s’mores during the Pit Dig on Saturday April 13th. The following Sunday we crossed the log and welcomed members into the Order of St. Pat’s. During that time, we were able to coordinate with the NMT Golf Course to provide a beer garden with police verifying IDs and a drunk driving course.
Overall, we had a very successful year and I look forward to attending future Cooney Mining events as alumni instead of as a member. The chapter has been left in strong, competent hands.

Respectfully,
Bon Durica, President 2018-2019

Treasurer's Report

Income/Expenditures for 2018/2019

- September 2018
  - NMT Mining Club Student Government Budget Fall 2018: +$735
- October 2017
  - Income from T-shirt sales (Net): +$130
- February 2018
  - NMT Mining Club Student Government Budget Spring 2018: +$410
  - NMT Student Government Travel Grant: +$3,150
  - NMT Student and University Relations Funds: +$4,500
  - Hotel rooms for SME Conference, Denver, CO: -$4,000
  - Van Rentals for SME Conference: $3,000
  - Student Member Conference Registration Reimbursement: -$3,000
  - Difference was made up by Department Donations

We were able to gain a large amount of travel funding from the Student University Relations Fund by joining forces with other professional societies around campus. We partnered with the NMT student chapters of the American Institute of Professional Geologist (AIPG) and the Society of Economic Geologists (SEG). Members from those societies wished to attend the conference and did such as Cooney Mining (SME) members.
Secretary's Report

The Faculty Sponsor of the New Mexico Tech SME Chapter (Cooney Mining Club) is Dr. Navid Mojtabai, Mineral Engineering Department Chair. Dr. William X. Chavez stood in for Dr. Mojtabai during the Fall 2018 semester.

Meeting Minutes (abridged)

- September 2018 Meeting:
  - Elected officers for 2018-2019 school year
    - President: Bon Durica
    - Vice President: Evan Bush
    - Secretary: John Durica
    - Treasurer: Carlha Barreto

- October 2017 Meeting
  - Discussed and planned events for 49'ers events
    - Continuance of Mining Games in conjunction with NMT Alumni Advancement office and SGA
    - Other volunteer opportunities

- November 2017 Meeting:
  - Discussed preliminary plans for 2019 SME Conference

- January 2019 Meeting
  - Discussed SME Conference plans

- February 2019 Meeting
  - Finalized SME Conference plans
  - Began planning for St. Patrick's Day event in conjunction with NMT Student Activities Board

- March 2019 Meeting
  - Finalized St. Patrick's Day event plans, altered plans to include St. Pat's events in Spring Fling to simplify planning and overcome some logistical issues
  - Began planning and discussion of Spring Fling 2018 event plans

- April 2019 Meeting
  - Finalized Spring Fling 2018 event plans
  - Election to fill officer positions for 2019-2020 academic year
    - President: Dustin Southway
    - Vice President: Carlha Barreto
Members of the Cooney Mining Club 2018-2019 School Year

Note: The list includes members of the Mining Club who are not members of the SME.

Officers

President – Bon Durica
Vice President – Evan Bush
Secretary – John Durica
Treasurer – Carlha Barreto
Graduate Student Liaisons - Catalina Venegas and Maria Paneda

Members

<table>
<thead>
<tr>
<th>Xian Eutsler</th>
<th>Henry Sowah</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christopher Vanpelt</td>
<td>Javad Shahmoradi</td>
</tr>
<tr>
<td>Omar Hernandez</td>
<td>Mariana Moura</td>
</tr>
<tr>
<td>Salla Diallo</td>
<td>Richard Otoo</td>
</tr>
<tr>
<td>Stacy Kuykendall</td>
<td>Dante Padilla</td>
</tr>
<tr>
<td>Dustin Southway</td>
<td>Elahe Talebi</td>
</tr>
<tr>
<td>Joshua Carroll</td>
<td>Jie Miao</td>
</tr>
<tr>
<td>Patrick Klark</td>
<td>Christopher Lafferty</td>
</tr>
<tr>
<td>Scott Toomer</td>
<td>Josh McSweeny</td>
</tr>
<tr>
<td>Marcus Silva</td>
<td>Luis Tejada</td>
</tr>
<tr>
<td>Eric Richardson</td>
<td>Alison Mertz</td>
</tr>
<tr>
<td>James Hogan</td>
<td>Ashley Torres</td>
</tr>
<tr>
<td>Brady Thompson</td>
<td>Elham Rahimi</td>
</tr>
<tr>
<td>Ryan Helms</td>
<td>Bright Duah</td>
</tr>
<tr>
<td>Zachary Zens</td>
<td>Craagen Gallagher</td>
</tr>
<tr>
<td>Alexander Herbst</td>
<td></td>
</tr>
</tbody>
</table>
*The Cooney Mining Club does not have separate committees currently. Planning is handled either during club meetings or by the officers as needed.

Activities Report

Our main focus every year was to send the most members possible to the SME conference. It required a large amount of planning this year due to the number of students interested, but we were able to send 33 students to the Denver SME conference.

Other than the conference, this year's focus has been on continuing our comeback. In the past, we were a force to be reckoned with. The club held a lot of events and had a large member base. In recent years, we have fallen to the wayside. With a change in leadership came an increased desire to play a pivotal role in the social life of the campus. Alumni wanted to see mining represented on a campus wide scale as opposed to being the black sheep in the herd.

Once the conference was attended to, our focus shifted to our mining competitions and jackleg drilling. Those events benefit both the club and the school. The jackleg drill laid dormant for 15 years before being awakened for the 2017 49ers. NMT Alumni want to see old traditions thriving on the campus. This year, the mining competitions and the St. Patrick's Day celebration rose from the dead. Cooney Mining was pivotal in both the planning and execution of the St. Patrick's Day celebration. On Saturday April 13th, we organized a group of volunteers to dig a 10'x20'x3' pit near the campus golf course. Once completed, a 25' telephone pole was placed on top of the pit as a bridge. The pit was then filled with water and left overnight. On Sunday afternoon, students gathered to cross the pole, kiss the Blarney Stone, and join the Order of St. Pats. Alumni were thrilled to see current students digging the pit and crossing a telephone poll over a 3' pit of water. It is a fantastic team building exercise and drives home a sense of unity to a student body that could perhaps be classified as self-absorbed.

We volunteered at numerous campus and community events. These include 49ers and Spring Fling. We also held an outreach event for a group of high school students who came to NM Tech for a high school research event, and demonstrated the mining equipment and methods that we use at the mining games, and explained what we do as a SME student chapter and in our careers. This event had a turnout of approximately 40 students, with about a dozen Cooney Mining members participating in the event. Cooney Mining also went to the NM State Capitol for NM Tech day. There we discussed the political climate for mining within the state of New Mexico and the value that mining brings to the state economy. We also sent a delegation to the St. Pious X high school career fair to provide support to the NMT Mineral Engineering Department.

With our few members, we have accomplished a lot. We have continued to improve on the advances that were made last year to break the static friction that had held us back. Now that the
ball is rolling, we are planning for a stellar next year. We hope to have more events, barbecues, and competitions. We also hope to attend the 42nd Annual International Collegiate Mining Competition. We have only begun to make our comeback.

Please see some of photos of the activity events in the following pages.
Attendees at the 2019 SME meeting

Students from the 57th National Junior and Humanities Symposium trying gold panning and jackleg drilling
49ers Heritage event

The club president and vice president manning the booth at Saint Pius high school college fair