

1. Name of the student chapter;

American Institute of Professional Geologists Student Chapter

2. Names of student chapter officers;

President- Chelsea Thibodeau, Vice President- Lindsey Stone, Secretary- Chelsea DeBoutte, Treasurer- Jayson Olivera

3. Names of Student Chapters Officers for the following academic year;

President- Daniel Figac, Vice President- Nolan Gamet, Secretary- Luke Wellman, Treasurer- Daniel Moulton

4. Number of AIPG student members in the chapter;

This year we had 20 total members. Three of our members graduated at the end of the fall 2019 semester. Our chapter gained 5 new members this year. Our members include geology majors and environmental science majors with a geology minor.

5. Number of chapter meetings per year;

Currently we have held 22 general meetings. These meetings consist of information, activities, and collaboration amongst our members. We plan to have three more meetings this semester. Our elected board also holds meetings in order to organize, plan, and carry out the behind the scenes work in our organization. We held 18 elected board meetings this year.

6. Programs to recruit new members;

On our campus we recruit new members by holding information nights, presenting at our department's new major night, and interacting with students in the introductory geology classes. Our chapter reaches out to not only current students in our department but prospective CMU students as well. We do this by participating in our College of Science and Engineering Fire Up Fridays. This event caters to incoming freshman and is a way for them to learn about campus organizations. We also frequently have lunch with freshman who are thinking about a geology degree and give them a tour of our department. We plan to hold two more recruitment events this semester. We will be having an informational night as a way to see what students on our campus would like to see at our meetings and to plan what meeting dates would be the best option for most members. We will then be having a follow up barbeque event as a way to mingle again with the students in our department before the semester ends.



Carly Hoeft, Fire Up Friday recruitment event

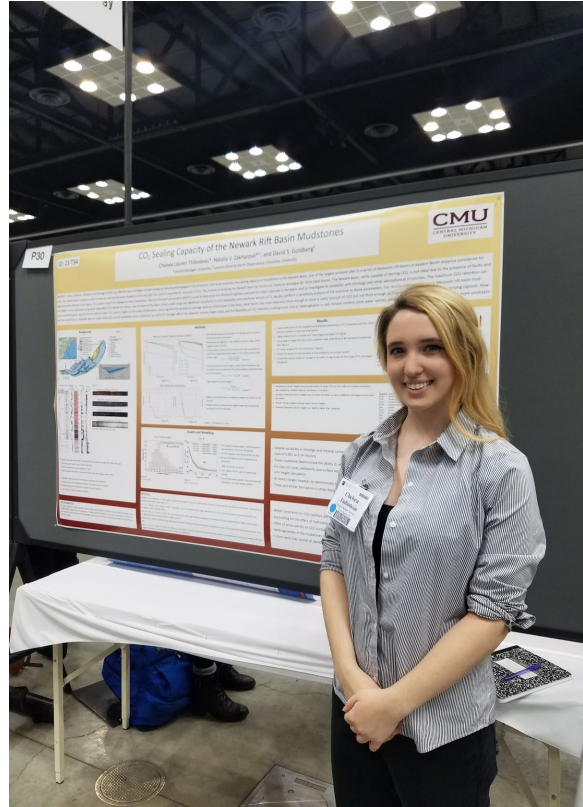
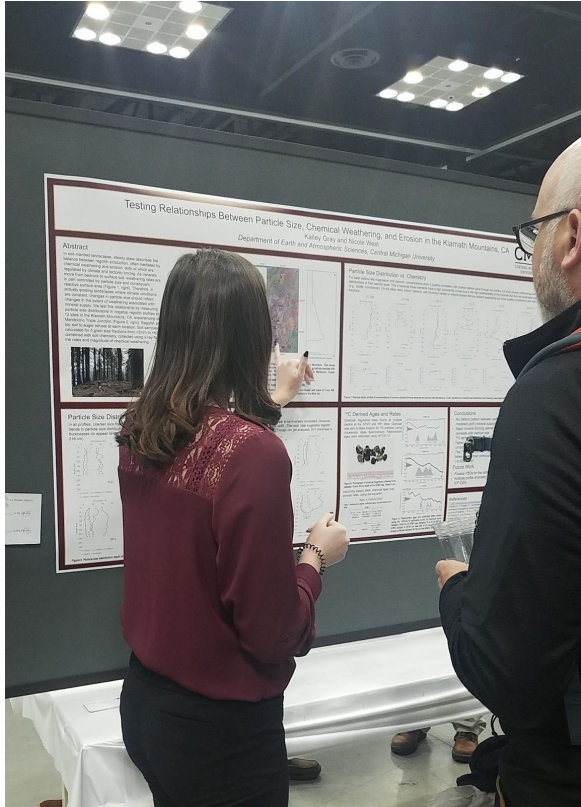
7. Activities within the department (seminars, guest speakers, field trips, career day, mentoring, etc.);

Our members are highly active in our department both in academics and projects. In the fall semester, our chapter began an augmented reality sandbox project. This project is for the benefit of our department as an educational tool for introductory geology students. This sandbox is projected to be finished before the end of the semester. We plan to host an open house to our campus to demonstrate how the sandbox works. Our department held its second annual food drive for a local food bank in Mount Pleasant. We won again this year in our friendly competition between faculty and students as to who could donate the most. Our student members collected 414 lbs out of the total 799 pounds. Our department organized a large group to attend the Geological Society of America conference in Indianapolis during the fall semester. Eleven of our AIPG members attended, three of whom presented their research via poster and oral presentation. In the fall semester our department also held a alumni career day, presenting geologists from different fields including petroleum, academics, and environmental consulting. Ten of our members attended and were excited to engage with the alumni about their careers. In the spring semester we began by joining our university's Student Chapter of the American Meteorological Society in snow tubing. This was a great way to unwind and bond with the other majors in our department. Our

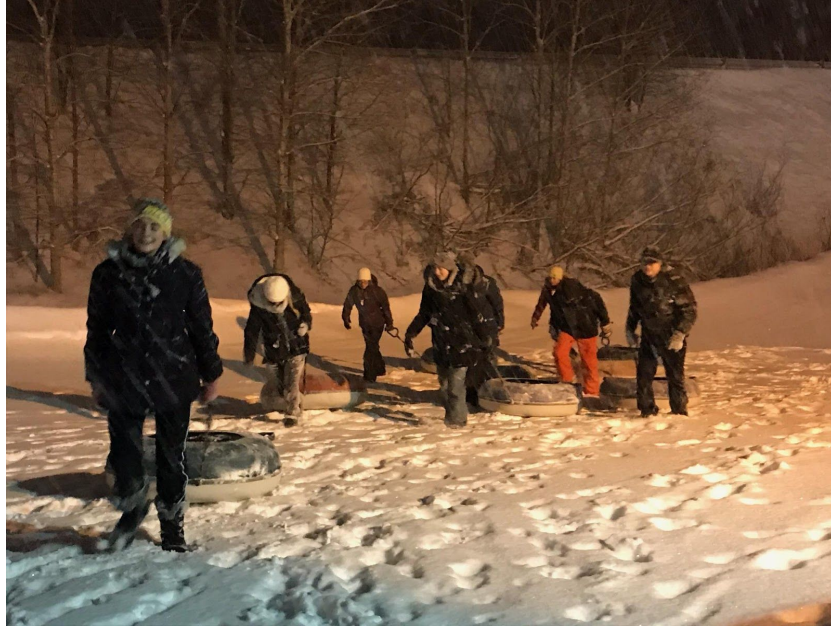
spring semester also brought about some competition as we held a March Madness within our AIPG chapter. We spent the month of march with geology quizzes, scavenger hunts, and geo-pardy. Throughout the school year we also provide tutoring for introductory geology classes every Sunday from 5-7pm. We will be hosting an American Association of Petroleum Geology professional in April to give a seminar and workshop on using structure in the field.



Food drive, Fall 2018



Student research presenters at GSA 2018: Kailey Gray (left) Testing Relationships Between Chemical Weathering, Particle Size, and Erosion in the Klamath Mountains, CA. Chelsea Thibodeau (right) CO₂ Sealing Capacity of the Newark Rift Basin Mudstones



Snow tubing with the meteorology students!



Scavenger hunt Team 1, who won March Madness this year!

8. Fundraisers;

We held three rock sales this year. We have been experimenting with the best spots on campus to not only sell our goods but promote our organization to those who may not be exposed to geology. At these rock sales we sell hand samples, fossils, and hand crafted stone jewelry made by our members. We also held a bake sale last semester. In the fall we implemented a returnable can drive. We advertised around campus that we would pick up used and returnable cans from anyone wanting to donate. The funds from this can drive helped some of the cost of the augmented reality sandbox.

9. Activities within the university (geology awareness, recycling, sustainability awareness, Earth Day, etc.);

As AIPG members we strive to promote the profession of geology and the scientific community. Our chapter has a student government representative who attends weekly Student Government Association meetings. At these meetings our member votes on legislation and collaborates with other student organizations to create positive changes on our campus. This March, a “Take Back the Tap” initiative was passed and reusable water bottles will be distributed for free around campus to prevent more pollution of single use water bottles. Our sandbox project allowed our organization to work with students from engineering and computer science majors. This allowed our members to put their talents to work as well as feature the talents of other students at CMU. We plan to hold an Earth Day campus clean up in April.

10. Activities within the community;

We began our community activities in the summer. Mount Pleasant holds Thrilling Thursdays for the youth in our community. We held a booth with tons of rocks for the kids to look at as well as a dino dig. We also helped with a summer event where high school students from Detroit came to learn about college courses and degrees at CMU. Our members lead them through activities relating to geology, one of which involved matching minerals to the products they produce! Lastly, one of our favorite community interactions is the Science Olympiad. This year our members helped write the tests and proctor for the event.

11. Interactions with professional geologists and the local AIPG Section; and

Interacting with professional members is a pillar for our chapter. We believe that it is important to make genuine connections. Our first interaction this year was the AIPG Colorado Springs National Meeting. We sent eight of our general undergraduate members as well as one graduate member to attend. This experience was an important networking and educational opportunity for us. We were able to visit the Garden of the Gods and experience geology that we do not find here in Michigan. We enjoyed all the wonderful insight each of the professional members had for us. Our favorite event was speed networking. As previously mentioned we had eleven students attend the GSA meeting. Our members were able to network with geologists from a large range of fields and expose ourselves to research in our field. In addition to these larger meetings, we also enjoy regularly attending the Michigan section meetings. We had members attend the fall meetings in Ann Arbor and the spring meeting in East Lansing. CMU and Wayne state will be holding our structural geology field trips together. We are excited to meet the student members from Wayne state and work with them in the field.



Michigan section members at the AIPG National meeting in Colorado Springs



Garden of the Gods



Michigan section meeting in East Lansing

12. Other significant activities that the chapter considers important to the mission of AIPG.

This year we had 9 members involved in research projects. These projects range from geobiology to petroleum. Three members had presented research at the GSA meeting, with the rest of our researchers planning to present their material at future conferences. Many of these projects are from students participating in an independent study or a senior thesis which allows our members to get a head start for graduate studies. In preparation for the conferences we attended this year, we also held a career workshop month. During the month of October, we had resume building, business card printing, and networking activities. We sent our resumes to a professional AIPG member who was able to give us revisions and advice. However what truly makes our chapter unique is the bond we hold together that allows us to cooperate so well. We foster this bond by having relaxing activities such as creating slime, watching science movies, and having a rock collection show and tell!



Rock show and tell



Slime making!