



ANNUAL REPORT

FISCAL YEAR 2020

JULY 1, 2019 - JUNE 30, 2020

OFFICE FOR ADVANCEMENT
AND ALUMNI RELATIONS

&

NEW MEXICO TECH FOUNDATION

FY 2020 DONATIONS TO NEW MEXICO TECH & NEW MEXICO TECH FOUNDATION

\$2,679,648.34

A MESSAGE FROM THE DIRECTOR

Greetings and welcome to 2021!

We made it through the “year that would be best forgotten.” My memories of the last year are a blurred image of Zoom meetings and phone calls. When I focus on particulars there were a heartwarming number of positive things that occurred in 2020.

We had the highest (virtual) attendance of all the 49ers celebration activities that I have participated in during my 13 years at NMT. So many of you turned out to reconnect with your departments and friends or to participate in social sessions, like the Vigilante’s “Isolation Tapes” performance via Zoom (watch it here: <https://www.youtube.com/watch?v=L3eWL4kfgvE&feature=youtu.be>). In fact, we hosted many Zoom opportunities throughout the year for our Tech family - and you were there. My team learned to operate from home and our fundraising efforts exceeded all expectations.



The highlight of the year, for me, was the **Random Acts of Kindness Campaign** that we rolled out in the Spring to assist our students who were impacted by the sudden switch to online learning, moves back home, job losses, and more. We asked and you, the Tech Family, rose to the occasion. You collectively gave \$100,000, which was matched by the NMT Foundation, for a total of \$200,000 that went directly to students. If you haven’t watched the thank you video from our students, I encourage you to do so (<https://www.youtube.com/watch?v=dXVjgLPYMO&feature=youtu.be>). It still makes me tear up. Thank you! You were my inspiration in 2020 and I suspect our students’ as well.

This is the third Annual Report that the Foundation and the Office for Advancement and Alumni Relations have published. It is our way of keeping you apprised of what we do and where your donations go. Both the Foundation and the Office for Advancement and Alumni Relations exist solely to support and advance the causes of the University and its students, faculty and research.

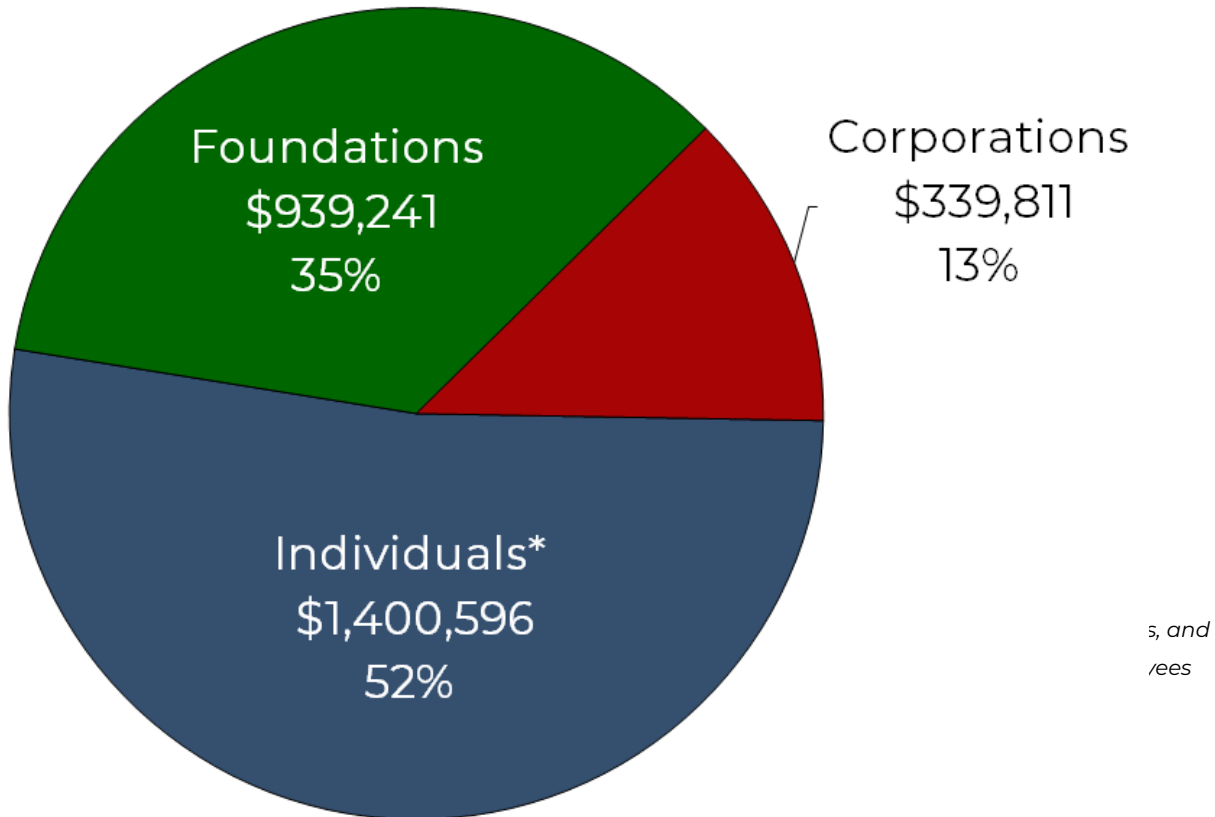
If you ever have questions please reach out to me at colleen.foster@nmt.edu, or call me at 575-835-5352.

May 2021 be bright and hopeful for us all. Thank you for the ongoing support you have shown for the students and faculty at NMT!

A handwritten signature in black ink, appearing to read 'Colleen Foster'. The signature is fluid and cursive, with a large loop at the end.

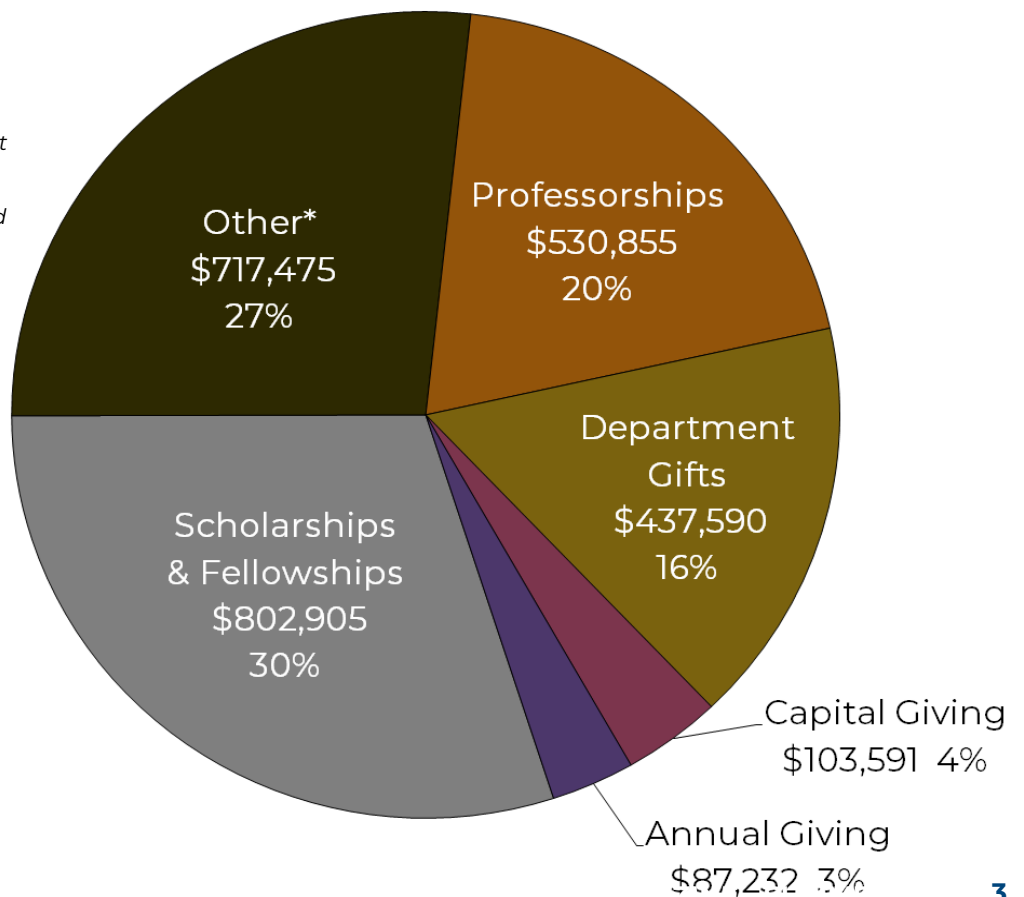
Colleen Foster
Director of Advancement

FY 2020 DONATION SOURCES



FY 2020 DONATION CATEGORIES

* Includes Awards, Outreach, Performing Arts Series, Student Clubs, Student Support (with Random Acts of Kindness), and University Support



WHY GIVING MATTERS - A DONOR'S PERSPECTIVE

I donate anonymously to the New Mexico Tech Mechanical Engineering Design Clinic fund. I give to that program because I was a Mechanical Engineering major and want to help ensure current and future Mechanical Engineering students have the funds needed for their capstone projects. I give anonymously because I'm not looking for awards or recognition.

Junior and Senior capstone courses at New Mexico Tech set our graduates apart. Employers value the many skills NMT alumni gain through these programs, especially teamwork, communication, research and design, and creative and critical thinking.



Battlebot assembly, 2019



Predawn rocket launch assembly, 2018

My memories of my experiences during the two years of Junior / Senior

Design Clinic projects are some of the clearest, best, and most exhausting of my time as an undergraduate. I remember learning each team member's strengths and weaknesses and adapting as a team to reach our goals. I remember meeting proposal and presentation deadlines, even when it required working until 2 am to finish a design or poster. I also remember the elation and relief shared by the team when a design came together, a fabrication successfully ran or flew or moved, and the team could proudly present its accomplishments to the project customers, peers, and faculty.

Capstone courses and projects at NMT are a critical rite of passage in the development of capable, successful engineers and scientists, but they can't continue without financial support. Donations are needed to support generations of these future alumni. Do you remember your capstone project? Your teammates (good and

bad), the frustration of real-world project failures and missed deadlines, the elation after successfully completing the project?

Join me, and other alumni and friends, who support NMT departments - the students, the faculty, the research, and the programs. Help NMT continue to produce smart, accomplished, and effective graduates who will help change the world.

Donate online at <https://advancement.nmt.edu/giving> or mail a check, made out to New Mexico Tech, to Advancement, 801 Leroy Place, Socorro NM, 87801. Indicate the department or program you'd like to support on the memo line.



Brisa Garcia with driver, Mini Baja competition, 2019

WHY SCHOLARSHIPS MATTER NUMBER OF ENDOWMENTS (2020)

New Mexico Tech
New Mexico Tech Foundation

143
41



Schlieren flow visualization with Calla Lang and John Garcia at Explora, 2018

COST (TUITION & FEES) ACADEMIC YEAR 2019-2020 FULL-TIME, PER SEMESTER

	UNDERGRADUATE
RESIDENT	\$4,213
NON-RESIDENT	\$12,127
	GRADUATE
RESIDENT	\$4,639
NON-RESIDENT	\$12,843

Scholarship funds used for tuition, fees and course materials (required textbooks, supplies and equipment) are tax-free.

Scholarship funds applied to living expenses (e.g., room and board), are taxable.

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Make a gift every time you shop!



Named for the founding year of the New Mexico School of Mines, the **1889 Society** recognizes those individuals who have designated a bequest for New Mexico Tech in their wills, trusts, life income gifts, retirement plans, life insurance designations, and other planned gifts.

1889 Society members leave a legacy to the university and provide essential support to ensure that New Mexico Tech is able to provide a world-class education to students for generations to come. New Mexico Tech considers it a great honor to be remembered in your will or estate plan.

1889 SOCIETY MEMBERS

Ray Bellande
Jim and
 Corale Brierley
Raul Deju
Mark Donnell
John Dowdle
Anonymous
Frank Etscorn
Cora Lee Everett
Anonymous
Mike and
 Mary Jaworski
Susan Keeney
Anonymous
Anonymous

Bill Marble
Randy Martinez
Jerry Mericle
Charles Millar
Richard J. Miller
Anonymous
Marty Nelson
Anonymous
Deborah Peacock
Mark Person and
 Deborah Bankson
Brian Peterson
Jack and
 Rita Purson
Anonymous

Donna Rogers
Sally Shipman Breeden
Anonymous
Harry and
 May Towne
Anonymous
Anonymous
LaVerne and
 Melvin Yazzie

In Memoriam

Richard Gochnauer
Charles Headen
James Murdock
Jim Post

FINANCIAL AID ACADEMIC YEAR 2019-2020



Alan Tirado, B.S. Chemical Engineering, 2020

<i>Institutional Endowment Awards</i>	\$2,406,325
Federal, State, and External Awards	\$2,614,192

Undergraduates

Number of Students	1,175
Number of Students Awarded Aid	641
Subset who graduated in 2019	190
Number of subset who borrowed money	77
Average amount borrowed	\$20,771

WHY GIVING MATTERS - A STUDENT'S PERSPECTIVE

Gabriel Partido

Mechanical Engineering, Class of 2021

At first, I didn't think of the importance of Junior/Senior Design Clinic outside of college, although I knew it was a good experience. It wasn't until I recently had a job interview and was asked to explain, in detail, a time I had to solve a technical problem on a project, if I came up with a solution, and how. An experience from my first Design Clinic project provided a perfect example of a technical problem, an approach to a solution, and a successful outcome.

The biggest skills I have improved in Design Clinic surprisingly aren't technical: presenting and communicating. I learned, over time and through many presentations, to be more comfortable in front of an audience, and my pre-presentation anxiety levels have dropped a lot. Even more importantly I learned how to effectively work in and communicate with a group. In the end, it's all about the success of the project, not winning an argument about whose idea is best. Keeping your ego out of the design and build process is the best way to succeed. Learning to ask questions and keeping communications open and ongoing with teammates and project sponsors is the surest path to successful project completion.



My first semester in Design Clinic, designing and building an airfoil, was an eye-opener. We were doing real-world, hands-on work with a practical application – not just creating computer models or running lab simulations. Unless a student already has a job in industry or with a national lab, Design Clinic is the first time students experience this. It's a place to learn, develop and test skills, to apply lessons learned in earlier classes, and to begin to understand what "real-world" projects, problems, and successes are like.

It's important.

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NEW MEXICO TECH NATIONAL RANKINGS



U.S. News and World Report 2020

<https://www.usnews.com/best-colleges/nmt-2654/overall-rankings>

- # 5 Top Public College
- # 18 Best Regional University, Western United States
- # 31 Best Value School
- # 102 Top Performers for Social Mobility

Best College Reviews 2020

<https://www.bestcollegereviews.org/top/small-colleges/>



- # 3 Best Small Colleges



Niche.com 2021

<https://www.niche.com/colleges/new-mexico-tech/rankings/>

- # 1 Top Public University in New Mexico
- # 4 Best Hispanic-Serving University in America
- # 49 Top Public University in America
- # 59 Colleges with the Best Professors
- # 90 Colleges with the Best Academics

CNBC 2020

<https://www.cnbc.com/2020/07/28/the-top-50-us-colleges-that-pay-off-the-most-in-2020.html>

- #21 Public University in the United States



SmartAsset.com 2020

<https://smartasset.com/student-loans/student-loan-calculator?year=2020#newmexico/value>



- #1 New Mexico's Best Value University
- #46 Best Value Institute Nationwide