

Our Mission: “To spark an interest and nurture a passion in students for participation in the fields of Science, Technology, Engineering, Entrepreneurship, Arts & Mathematics.”



ALWAYS SEEKING CORPORATE SPONSORSHIP AND COMMUNITY SUPPORT

Applied Dynamics Initiative came together when, through the experience of our family with our teen daughter and some of her fellow students, began developing a strong passion for technology as they were introduced to the engineering and programming concepts of robotics via the **FIRST™ Inspires** organization. The enthusiasm and accomplishments we found to be positively addicting.

The enthusiasm and accomplishments being achieved by our students we found to be positively addicting. One example is of Isabel who before her introduction to **STEM/Robotics** was considering a career as an Interior Designer. Fast forward to the present and after 6 years of robotics (as graduating class of 2022) went on to be awarded the US Presidential Scholar for female in New Mexico and is now attending Johns Hopkins University with a dual major in Computer Science & Applied Mathematics. Our two other graduating program members are attending university locally and pursuing careers in the arts and law.

It has never been clearer to us that we want their experience to be shared and the opportunity provided to other students that might not ever have the chance to be introduced to **STEM/STEAM**. Our research has shown that the younger you introduce students to **STEM/STEAM** concepts, the more likely they will stay on that trajectory towards a career in one of those fields, with the sweet spot being around the 5th, 6th and 7th grades which is especially true for girls.

Applied Dynamics Initiative is a community educational effort to introduce students and “hook them” on **STEM/STEAM**. This is accomplished via extracurricular activities, with a heavy focus on robotics via our **ENIGMA Robotics** program (enigmarobotics.org) and will also include educational workshops for coding, Internet-of things product development, entrepreneurship, web development, and graphic design all meant to be in a work/life environment (habslabs.com) that is conducive to collaboration in flip/blended learning style.

“Competitive robotics is the one sport where everyone can go pro!”

Thank you for considering our worthy mission in developing our future leaders by providing sponsorships, cash or in-kind donations, mentorship and/or volunteer time. Our success is only due to your generosity!

