

## Senior Design Team 4: Biographies

**Sydney Levy:** Sydney “Syd” Levy is the Systems Engineer for Team 4. He chose the position after enjoying the System Dynamics curriculum at CU Boulder. Syd is interested in Biomedical Engineering, and will be pursuing his Masters in Mechanical Engineering at CU Boulder in the fall of 2020.

**Genevieve Bachelder:** Genevieve Bachelder is the CAD and Manufacturing Engineer for Team 4. Her primary engineering interests are design and prototyping, particularly in the biomedical field. Her experience with rapid prototyping and hands-on technical work experience influence her design approach, keeping manufacturability and user-centered design in mind. She enjoys working collaboratively, and aspires to work in biomedical product development.

**Ryan Mahon:** Ryan Mahon is a senior in Mechanical Engineering at CU and is the Test Engineer for Team 4. His main engineering interests are in thermodynamics and anything fluids related. His strengths include problem solving and is excellent at rapid prototyping. In the future, he is excited to work as either a plant engineer or within the energy sector.

**Ian Claras:** Ian is a senior in Mechanical Engineering with a minor in Computer Science. He has a passion for learning about computational analyses, design, manufacturing, and project management. What Ian enjoyed most about his senior design project was designing and testing a fixture that has the potential to save lives by identifying faulty devices before ever reaching patients. Through this experience, Ian learned how to communicate with clients, CU faculty, and applications engineers, designing parts for manufacturability, and how to develop action items, schedules, and meeting agendas to keep the team on track and organized.

**Alejandro Perez:** Alejandro Perez is the Financial Manager for the team 4. In addition to studying mechanical engineering, he also received a minor in business which gave him the skills needed to responsibly manage the team’s budget and coordinate all team transactions. Alejandro’s main professional interests lie in the biomedical and healthcare sectors, and he has accepted a job at a healthcare software company pending graduation.

**Marshall Engelhard:** Marshall Engelhard is the Project Manager for Senior Design Team 4. This and a variety of other leadership experiences have helped him decide on pursuing a future in project management. He is also very interested in product development and finite element analysis. These two career desires have led Marshall to enroll in CU’s Master’s Degree program with a focus in computational modeling, simulation and analysis. His hope is that this degree will enable him to become more efficient with CAD and will make him a better candidate for management roles later on in his career.