## Manuel Vega

The issues surrounding PFAS may be difficult, but their health implications and environmental impact are clear. Action to begin to remove these chemicals from our environment should begin with the elimination and sale of such items within City and State boarders. Once the sale and manufacture of such chemicals are addressed, then the clean up efforts may proceed at that point. There is more and more scientific evidence pointing to certain health issues when exposed to high concentrations of certain PFAS. These problems may include low birth weight, delayed puberty onset, elevated cholesterol levels, and reduced immunologic responses to vaccinations. During the current pandemic, the last PFAS linked health issues will be a major concern once a COVID-19 vaccination becomes available. How a heavily exposed PFAS body will react to this vaccination when available could have a major public health impact. So far Activated Carbon Treatments, Ion Exchange Treatments, and High-pressure Membranes have shown the most promise at removing PFAS from drinking water efficiently and with great success. As drinking sources are secured from chemical leaching along with the ban of these items from the market while introducing better options, I feel this will begin the process of putting us on the right path. This will also help to highlight lessons learned as these actions are put in to place as well.