

Biographical

Michael Gray is the CEO of Actus Analytical, LLC which develops elemental and molecular spectroscopy solutions for public safety compliance with federal and state regulations. Nancy Gray has spent her adult life dedicated to the loving care of her family.

The Grays are the parents of Declan Gray, 22, and Amanda Gray, who was killed by an overdose of straight Fentanyl on January 11, 2018 at the age of 24. The Gray family battled with acute mental illness throughout Amanda's life, and substance abuse in the last 2 years before her passing.

Michael and his wife Nancy are advocates for better solutions to treating the entirety of the overdose epidemic problem in America, including the largely forgotten constituency of those who use intermittently. Most notable are the acutely mentally-ill, who abuse opioids and other drugs (prescription and non-prescription) to the point of addiction and death in their search for symptom relief from diseases which are tragically under-treated. The introduction of Fentanyl into the supply stream means that all aspects of illicit drug abuse must be considered to save lives, since any single instance of illicit opioid use may lead to death. Therefore, the time to see the threat as related only to addicts is past.

The Grays also advocate for the mentally-ill, striving to deliver the message that mental illness is a disease the entire family suffers, and suffers quite alone, as there are no well-worn paths to solutions available to those in chronic states of mental illness. For all our success as a nation in medical science – treatment, patient care and advocacy – we have left psychiatric science in the stone age. Our practice of *psychiatric* care – diagnostic, treatment and patient advocacy – is the ugly step-child being hidden in the attic as the country proudly displays her *medical* science wonders to the rest of the world.

In addition to advocacy, Michael Gray is offering his 30 years of professional expertise in the world of scientific instrumentation as another element of his work on behalf of the victims of overdose. As the Interdict Law and other legislative activity considers nascent technological advances in the ability to detect illicit drugs at the street level, Michael Gray will be adding his professional expertise to that debate. With expertise in the areas of Infrared Spectroscopy and Mass Spectrometry, Michael will be participating in the deployment of portable testing for narcotics at the field level as a means of confirming suspected illegal substances, in a manner which protects the safety of First Responders.