



CRISIS PREVENTION AND RECOVERY, LLC

**GWEN MANDEL**

#### **CREDENTIALS**

- **Master of Science Physics, emphasis on Medical Physics and Thesis on Gravitational Waves**
- **Bachelor of Science Theoretical and Applied Physics, specialization in Tomography**
- **Bachelor of Arts Mathematics**
- **NSF funded REU with Rostock University Aviation Dosimetry**
- **Publications include medical wearable development, IoT, acousto-optics, gravitational waves, muon tomography, PHI-III and Intermediate Laboratory manuals**

#### **EXPERIENCE**

- **Penetration testing for wired and wireless devices**
- **Cybersecurity analysis specific to medical devices**
- **Review of cyber security regulatory submissions and assistance with responses**
- **Cybersecurity testing specific to medical devices**
- **Medical Physicist Assistant**
- **Over 10 years with medical software, coding, and programming**
- **Muon Tomography Research Specialist**
- **Designing and programming micro-controllers and other interfaces for medical applications**
- **Medical Software Assistant**
- **Development of designing, programming, engineering, and troubleshooting Internet of Things (IoT)**