

2021 PJAS Region 4 Presenter Registration Form

Please type or print very neatly:

Aditya First Name	Kendre Last Name	Male Gender	
717-620-8494 Home Phone	kendreaditya@gmail.com Email	12 Grade	4 Region
12 Hamlet Circle Student Address	Mechanicsburg City	PA State	17050 Zip Code

Number of years participated in PJAS (include this year) 1 2 3 4 **5** 6

Research Title (limit to 60 characters): **Generative Adversarial Networks for PCG Arrhythmia Detection**

School Name: **Cumberland Valley HS**

Sponsor: **Michael Floreck**

Research Area: If research could overlap areas, please rank as 1, 2, 3.

_____ Biochemistry (BC)	_____ Behavioral/Psychology (BEH)	<u>2</u> _____ Biology general (BIO)
_____ Botany (BOT)	_____ Chemistry (CHM)	<u>1</u> _____ Computer (CPS)
_____ Ecology (EC)	_____ Earth and Space (ES)	<u>3</u> _____ Engineering (ENG)
_____ Mathematics (MAT)	_____ Microbiology (MIC)	_____ Physics (PHY)
_____ Zoology (ZOO)		

We certify that this research has been conducted by the student in accordance with the Pennsylvania Junior Academy of Science rules and with advice only from others. PJAS at the regional and the state level utilizes judges from the area surrounding the competition site. The Regional and State competitions are held at a central location on a single day. In that the presenters, judges, and support personnel converge on the specific venues on a specific date, certain restrictions must apply. First, all presentations must take place on that day and on that site. Secondly, the results are deemed final. There cannot be "rejudging" of any presentations. Judges are polled before submitting their final results to ensure that the scores and the awards are acceptable to the entire judging panel. If there is a disagreement, it must be rectified before the judges' final submission. Once the judging panel is released the score and award is final. The large number of participants competing across the state will undoubtedly produce some results that are not expected. PJAS tries to make the evaluations as objective as possible. Using specifically designed rubrics along with orientation of judges, our judging committees do an exceptional job to ensure a fair result. We further agree to accept the Judge's evaluation of this research as final. In addition, we agree to make every attempt to have the student present at the Region 4 Competition and at the State Competition should he/she receive a First Award at the Region 4 Competition.

Signature of Student	Date	1/4/2021
Signature of Parent	Date	1/4/2021
Signature of Sponsor	Date	