Model description for phase 3

- Model for Williams and Bush are the same.
- I used dropouts to avoid overfitting. (Only used for training, not test to have consistent outputs once the network is trained.)
- I used weights (for classes) when training to compensate for the unbalanced dataset.

OPERATION		DATA DIMENSIONS			WEIGHTS(N)	WEIGHTS(%)
Input	#####	64	64	1		
Conv2D	|/	-------------------			160	1.3%
tanh	#####	64	64	16		
MaxPooling2D	Y max	-------------------			0	0.0%
	#####	32	32	16		
Conv2D	|/	-------------------			1160	9.5%
tanh	#####	32	32	8		
MaxPooling2D	Y max	-------------------			0	0.0%
	#####	16	16	8		
Dropout	| ||	-------------------			0	0.0%
	#####	16	16	8		
Conv2D	|/	-------------------			584	4.8%
tanh	#####	16	16	8		
MaxPooling2D	Y max	-------------------			0	0.0%
	#####	8	8	8		
Flatten	|||||	-------------------			0	0.0%
	#####		512			
Dropout	| ||	-------------------			0	0.0%
	#####		512			
Dense	XXXXX	-------------------			10260	84.2%
tanh	#####		20			
Dense	XXXXX	-------------------			21	0.2%
sigmoid	#####		1			