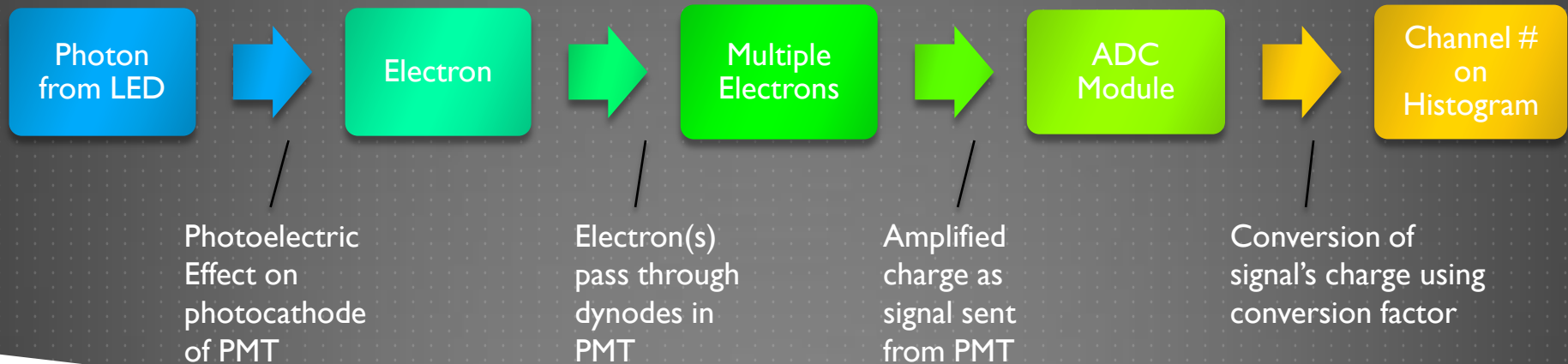


# PMT PROCESS AND NUMBER CONVERSIONS

Lillian Anderson

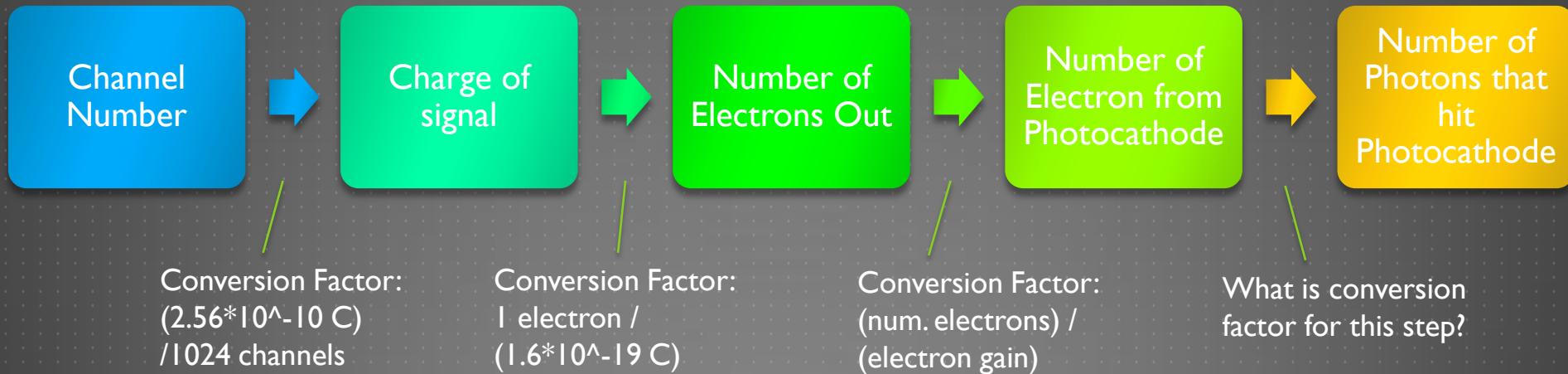
July 13, 2012

# PROCESS FROM PHOTON(S) FROM LED TO CHANNEL NUMBER ON HISTOGRAM



# NUMBER PROCESS

## ► From Channel Number to Photons



# NUMBER OF ELECTRONS INTO 1<sup>ST</sup> DYNODE

High Voltage (-kV)	2-Inch PMT	5-Inch PMT
1.700	161.99	11.15
1.799	166.90	5.92
1.898	166.90	4.67
2.000	51.95	3.48
2.099	42.00	2.81
2.199	24.09	2.41

## # Electrons Ejected vs. High Voltage

