

# Boundary layer physics

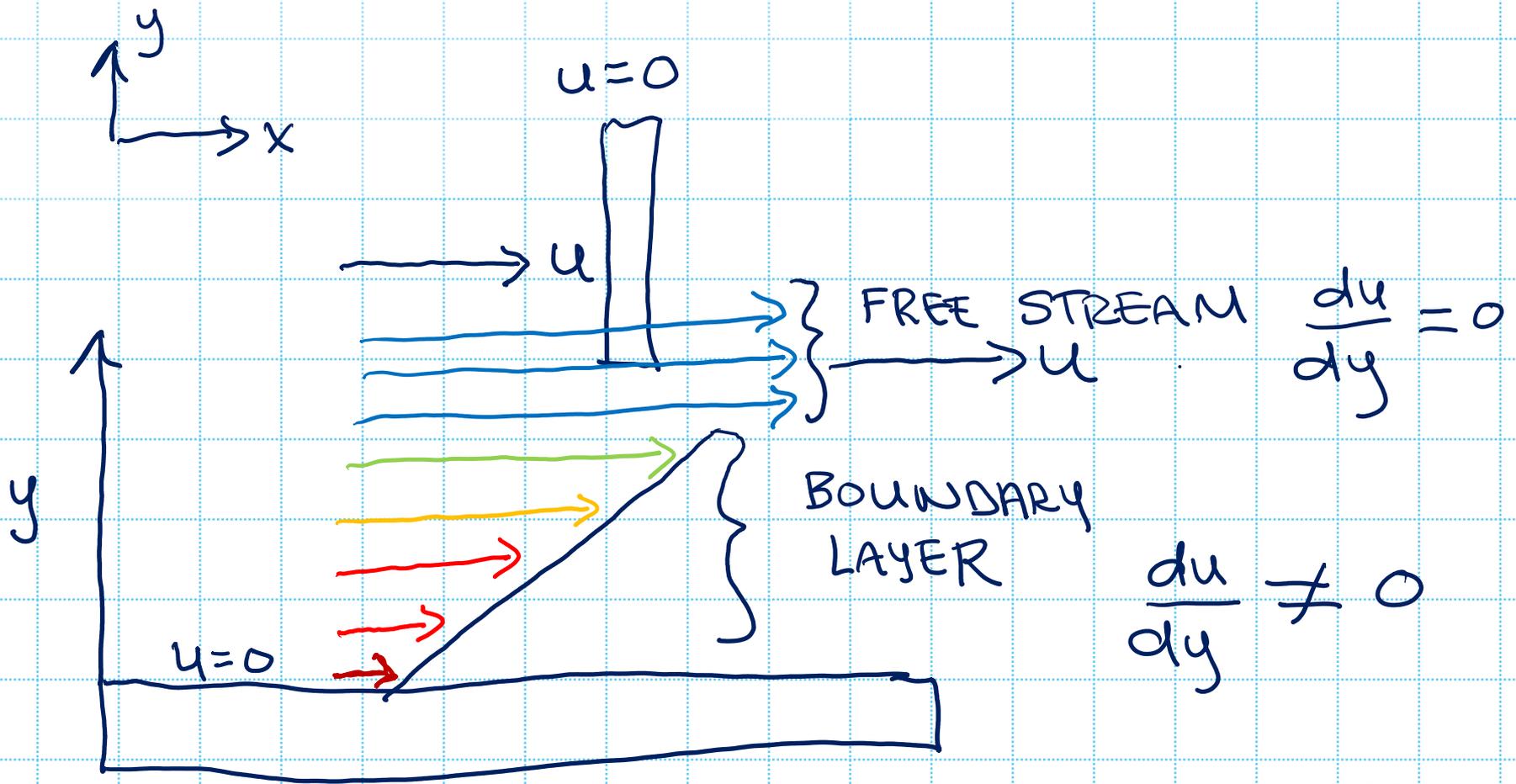
## Engineering Fluid Mechanics

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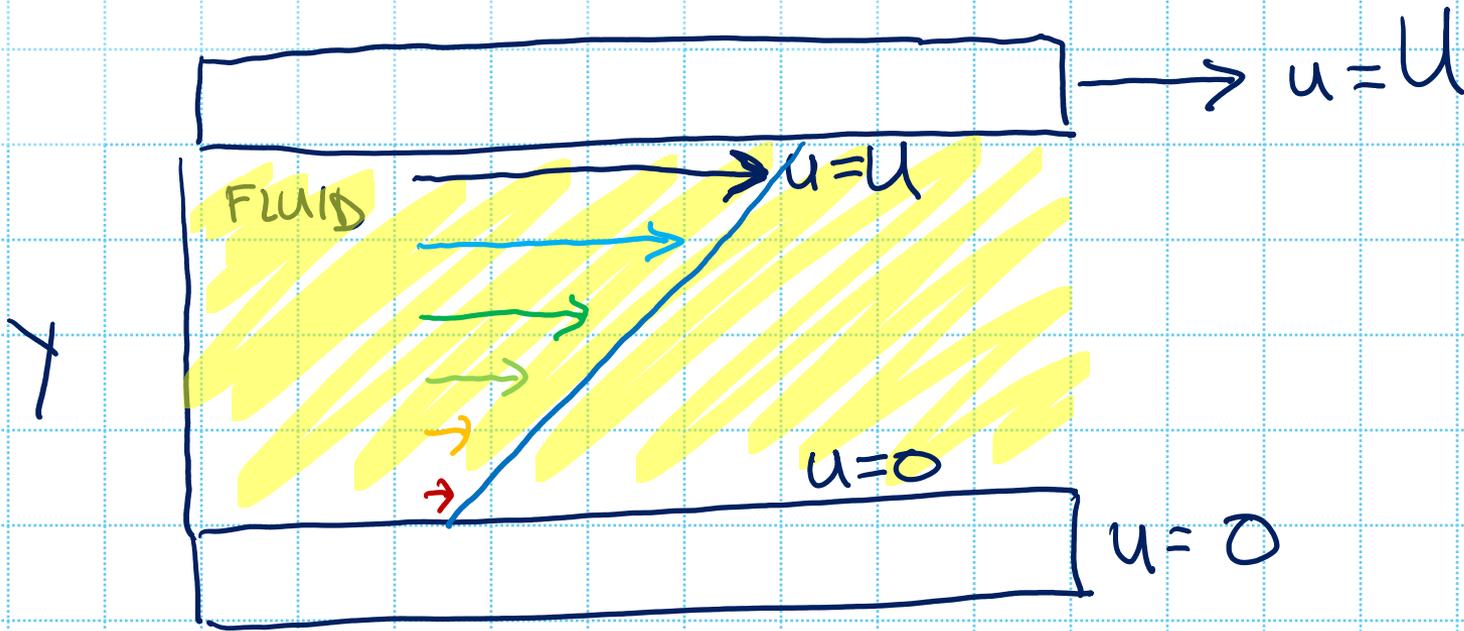
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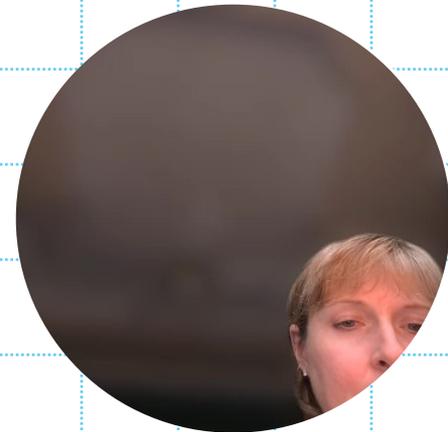


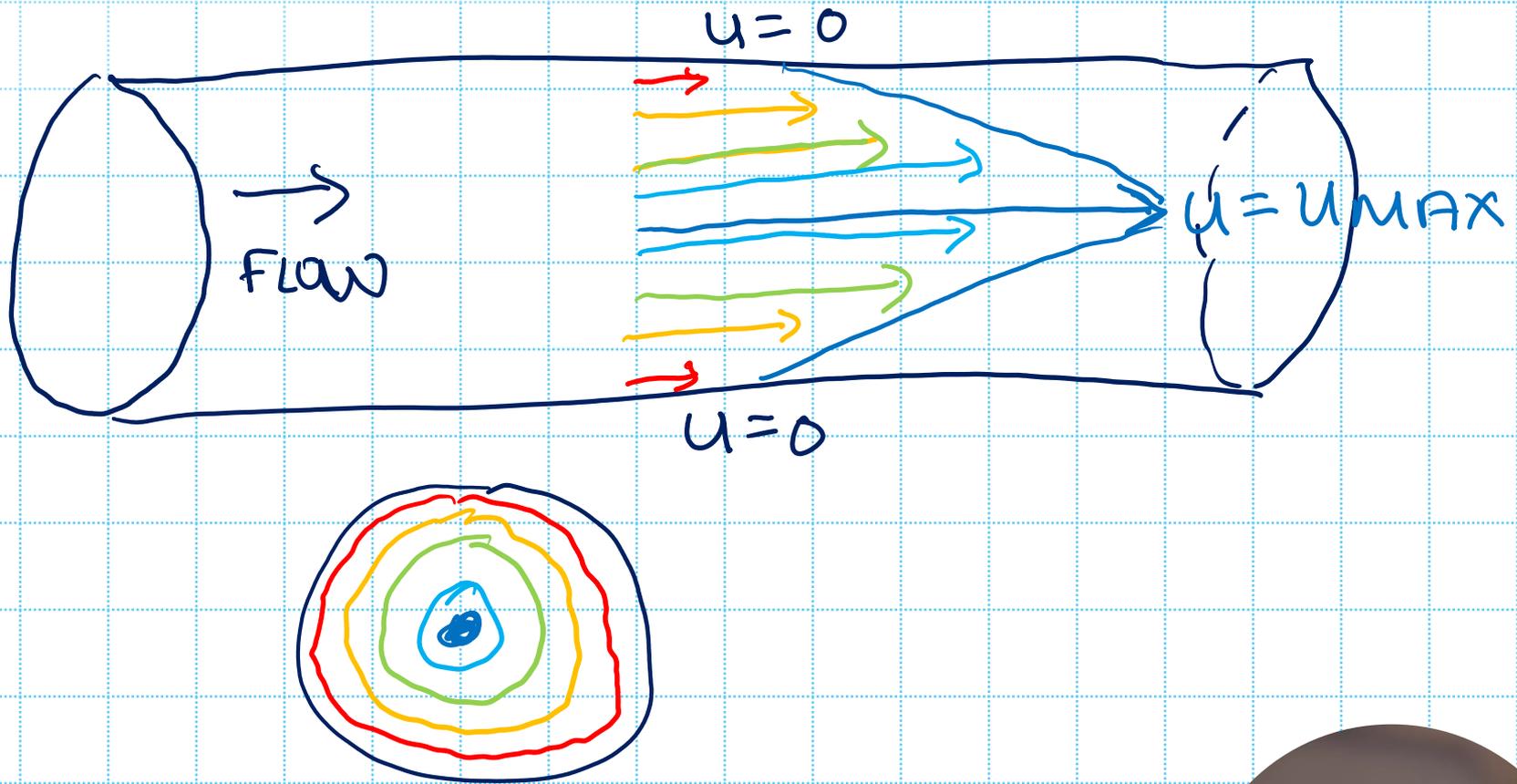
# No-slip condition and velocity distribution



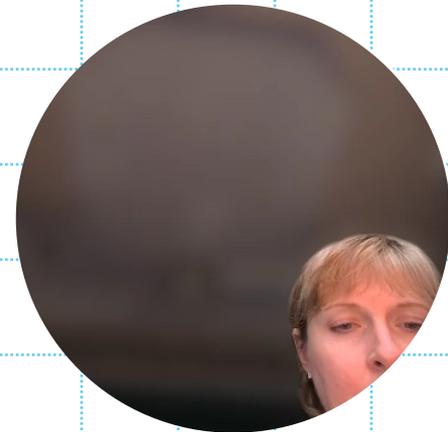


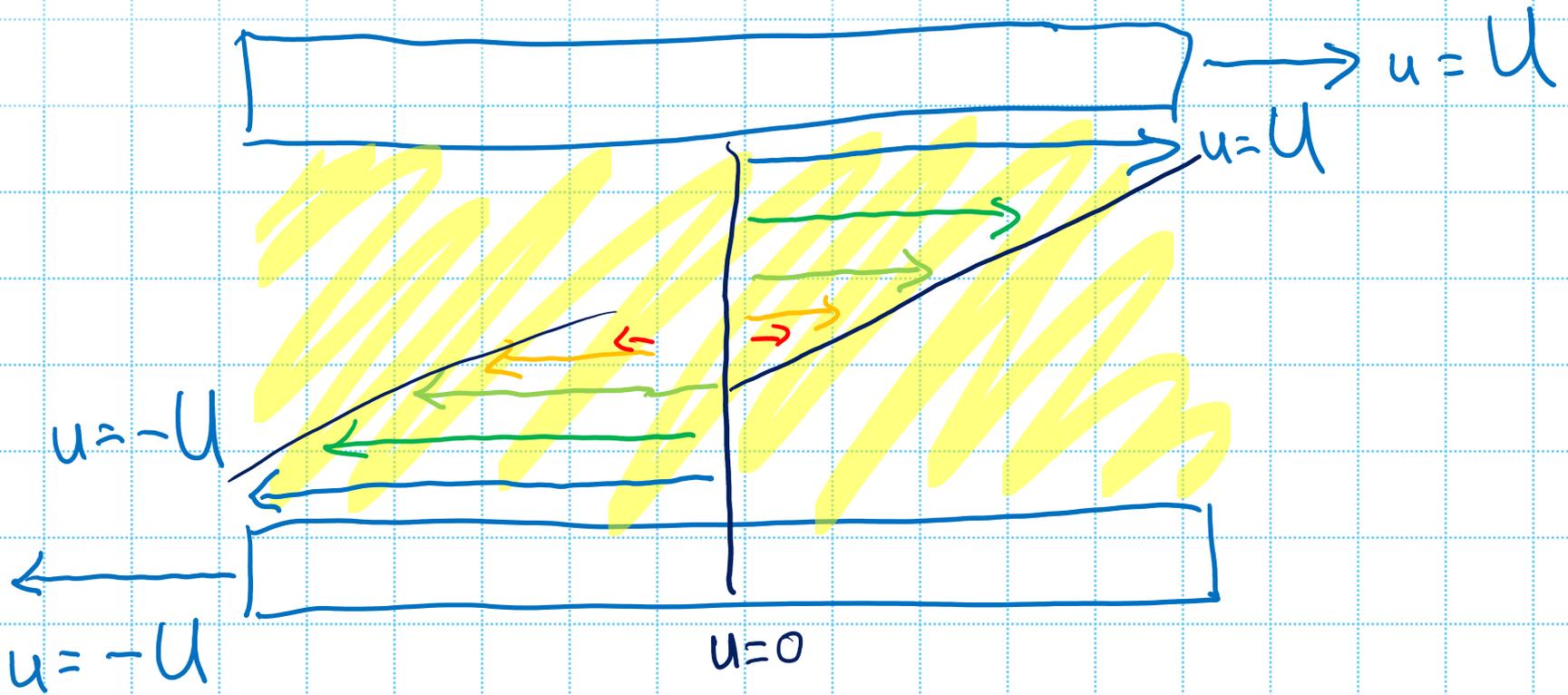
Example boundary layers:  
stationary plate and moving  
plate bounding a fluid



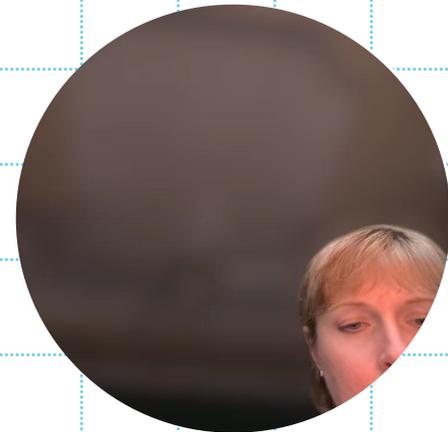


Example boundary layers:  
internal flow through pipe





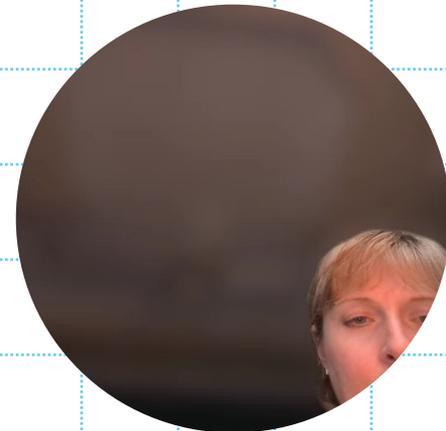
Example boundary layers:  
two moving plates  
bounding a fluid





## **Acknowledgement**

This material is based upon work partially supported by the National Science Foundation under Grant# 2335802. Any opinions, findings, and conclusions, or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.





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**THE END**



Photo credit: Kelly Kibler, Bay County, Florida