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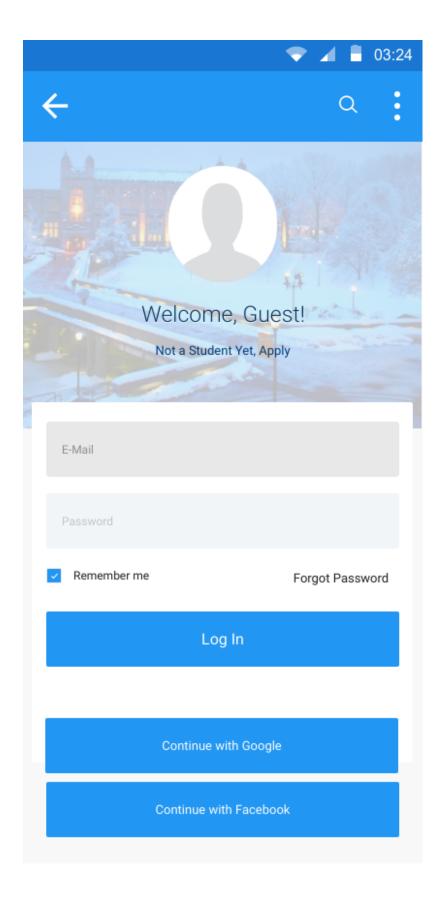


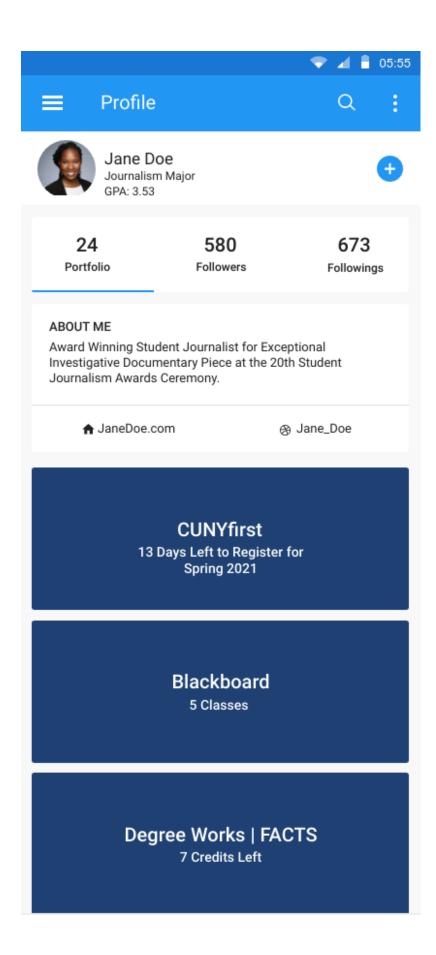


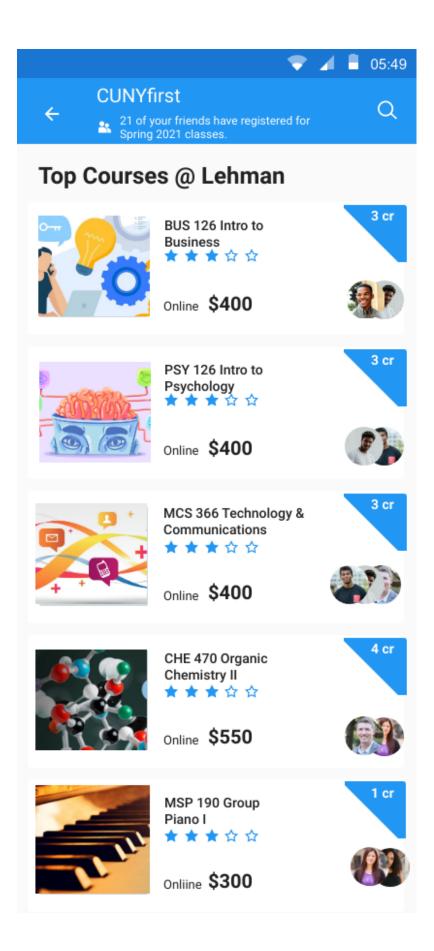


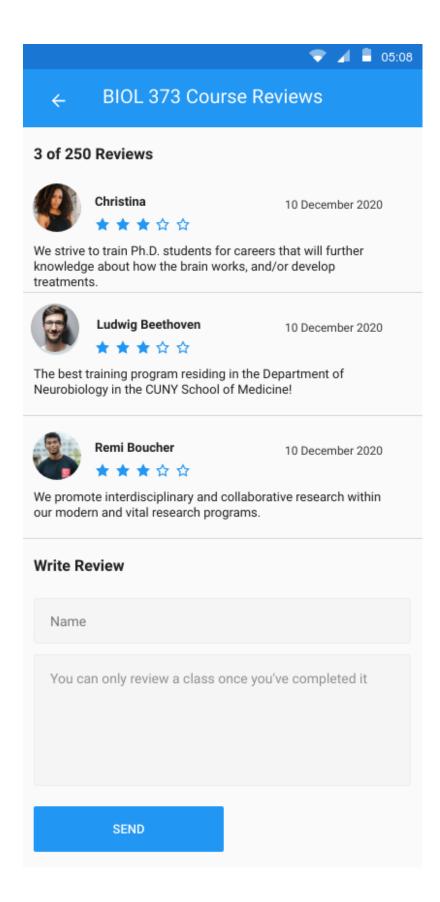


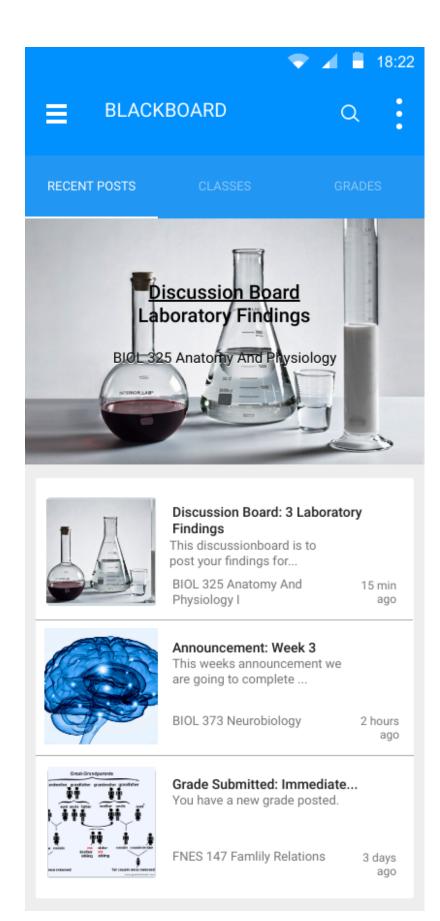


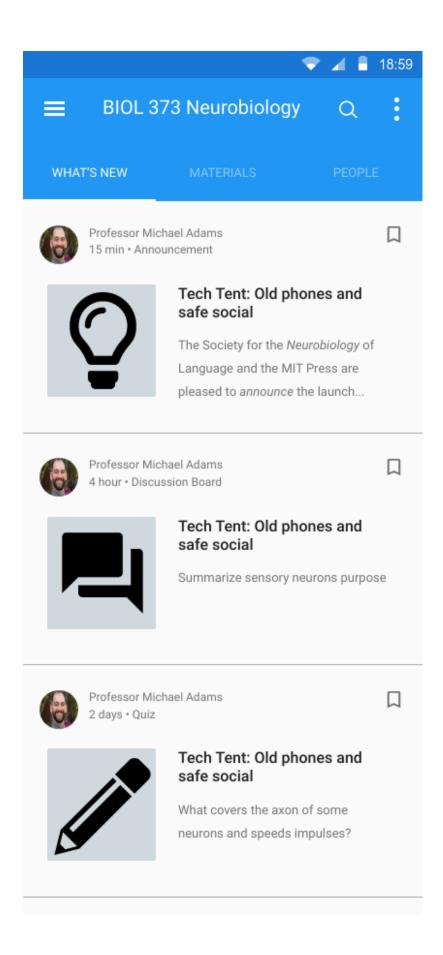


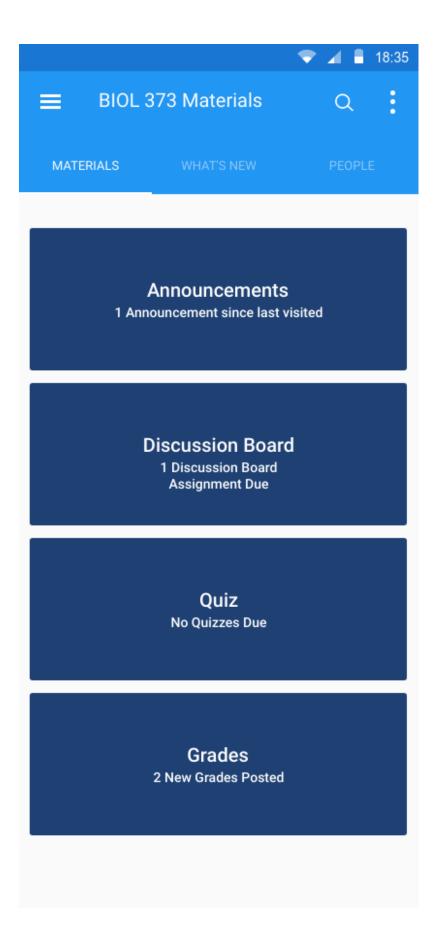


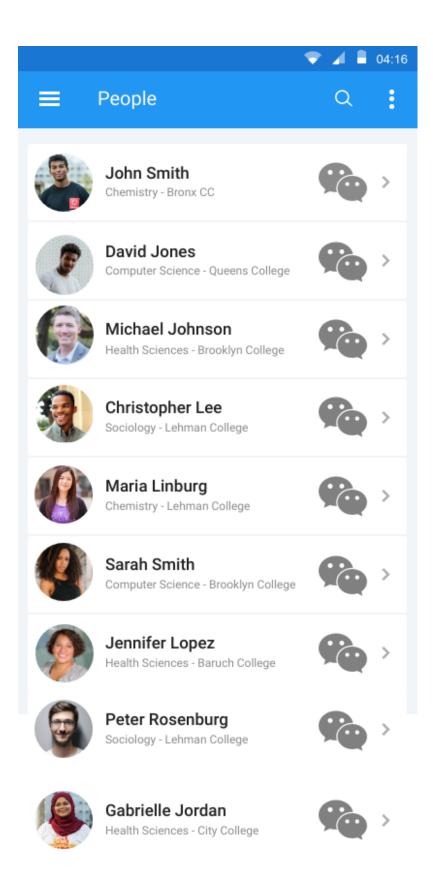


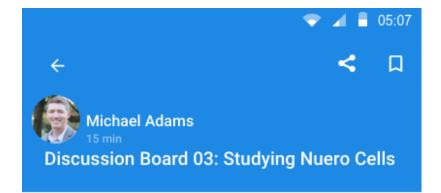












Neurobiology is the study of cells of the nervous system and the organization of these cells into functional circuits that process information and mediate behavior. It is a subdiscipline of both biology and neuroscience. Neurobiology differs from neuroscience, a much broader field that is concerned with any scientific study of the nervous system. Neurons are cells that are specialized to receive, propagate, and transmit electrochemical impulses. In the human brain alone, there are over a hundred billion neurons. Neurons are diverse with respect to morphology and function.

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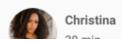
As we move into the 21st century, increasing attention is being given to integrative or systems neurobiology – the study of aggregates of neurons and functional circuits. How do assemblies of neurons give rise to the behaviors we associate with higher brain functions, from perception and control of movement to learning and memory?

Comments (3)



Tatiana 1 hour

The neurobiology program is oriented toward questions of the structure and function of brain cells and the brain.

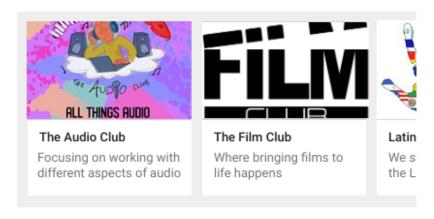




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