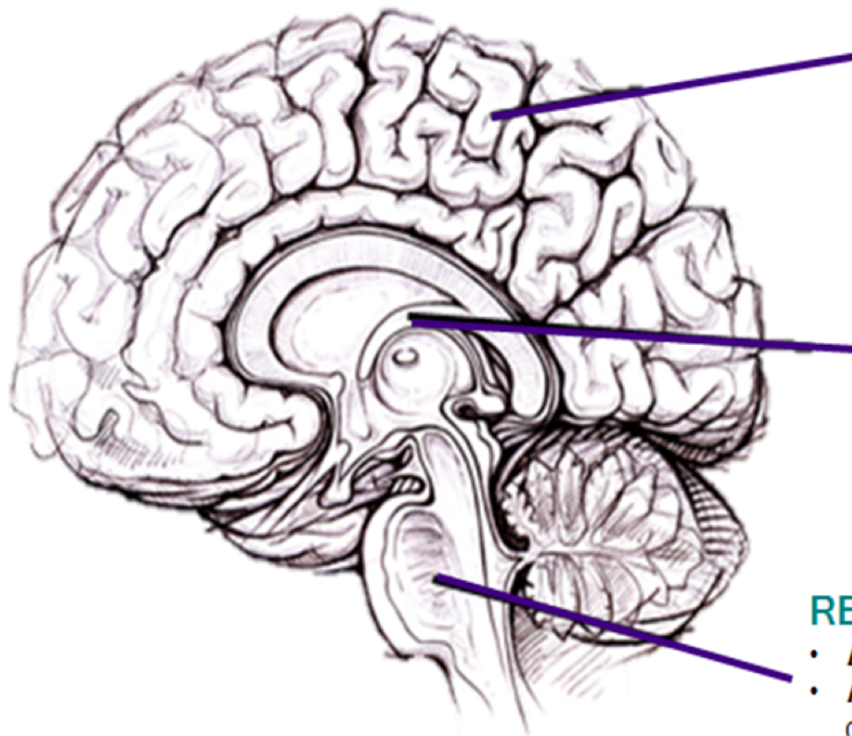


# The Evolution of Altruism



## PRIMATE "THINKING" BRAIN:

- **Brain region:** Neo cortex
- **Responsible for:** sensory perception, spatial reasoning, generation of motor commands, conscious thought, intellectual memory
- **Happy when:** learning, anticipating future reward, connected to higher purpose, in flow
- **Evolutionary role:** predicting brain that helps the community thrive

## MAMMILIAN "FEELING" BRAIN:

- **Brain region:** Limbic system (includes amygdala / fear center & nucleus accumbens / pleasure center.)
- **Responsible for:** (positive) emotions, learning, emotional memory and spirituality
- **Happy when:** feel trust, social bonds, higher status
- **Evolutionary role:** social brain that helps the community survive

## REPTILIAN "INSTINCTIVE" BRAIN:

- **Brain region:** brain stem
- **Responsible for:** the 4 F's - fight, flight, feed and fornicate (wired for danger and therefore negative emotions)
- **Happy when:** safe from danger
- **Evolutionary role:** selfish brain that helps us survive individually