

# Women in Neuroscience



## Percentage of STEM jobs nationwide held by women

Female STEM employees earn approximately 35% more than women working in non-STEM occupations.

24%

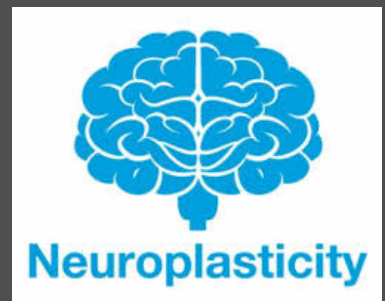
16%

## Despite growing interest, wage gaps still exist between male and female workers ...

...But don't let this stop you from pursuing a career in Neuroscience! There are many women who have challenged the male-dominated STEM culture and succeeded!

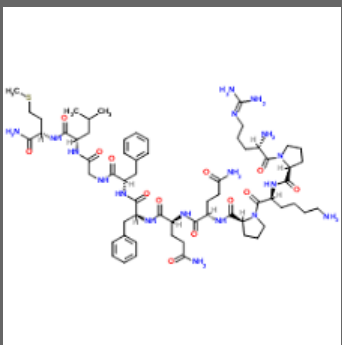
## Marian C. Diamond, PhD

Though women weren't encouraged to work, Diamond led a successful career as a neuroscientist, a discipline she is credited with helping to found. Her early research focused on the impact of environmental stimuli on brain development and sex differences in the cortex region. In 1984, she had the opportunity to study the brain of another great thinker - Einstein. Above all, Diamond sought to make neuroscience accessible to everyone, no matter their education.



## Susan Leeman, PhD

Leeman discovered the chemical makeup of Substance P (shown at left) and neurotensin peptides which has led to discoveries relating to cancer, digestive health, and pain research. Additionally, she is interested in ways neuroscience can be applied to other disciplines, like psychiatry.



In an autobiographical account of her life's work, Leeman notes: "Maybe there are others out there whose motivation has occasionally flagged, and even whose feelings have sometimes been hurt ... I would like to encourage others to persevere".

### References:

- Noonan, Ryan. Office of the Chief Economist, Economics and Statistics Administration, U.S. Department of Commerce, 2017. Women in STEM update. ESA Issue Brief # 06-17. Retrieved from <https://www.esa.gov/reports/women-stem-2017-update>.
- Squire, L.R. (Ed.). 2008. The history of neuroscience in autobiography, vol. 6. Retrieved from <https://ebookcentral.proquest.com>