

## 11.4 Electron Affinity (Video)

This project was preformed to supply **Libretext Authors** with videos on General Chemistry topics which can be used to enhance their projects. Also, these videos are meant to act as a learning resource for **all General Chemistry students**.

### Video Topics

Is the energy released (-sign) or absorbed (+sign) when an electron is attached to a gas-phase atom to form an anion. Atoms with large negative EA are said to have high electron affinities. This means they tend to gain electrons easily. If the sign on EA is positive, energy must be supplied to attach the electron. Metals prefer to give up electrons so they have a positive electron affinity. Atoms with large positive EA are said to have low electron affinities. This means they tend to resist gaining electrons.

### Link to Video

**Electron Affinity:** <https://youtu.be/M5MsRM2Xtds>



### Attribution

- Prof. Steven Farmer ([Sonoma State University](#))

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