

David Goodsell

Why study David Goodsell?

Since the early 1990's, Goodsell has been working with a type of illustration that shows portions of living cells magnified so that you can see individual molecules. He tries to make these illustrations as accurate as possible, using information from atomic structure analysis, electron microscopy, and biochemical analysis to get the proper number of molecules, in the proper place, and with the proper size and shape.



Biological Information

Full Name	David Goodsell
Born	1961
Died	N/A
Education	A Bachelor of Science (BSc) in <u>biology</u> and chemistry at University of California Irvine
Occupation	Scientific illustrator (draw images of scientific subjects in an accurate way to inform and communicate), biochemist (study of chemical processes).
Which came first, science or art? (From David)	Both! My father, who worked as an aerospace engineer, got me interested in science at an early age, and I always knew I would choose research as a career. My grandfather started me with watercolour at about the same time, so art has also been a part of my entire life, and I've tried to combine the two interests ever since.

Goodsell has developed a signature style of scientific drawing. He started painting early in his childhood but did not study art in college. In graduate school, Goodsell became interested in scientific illustration while writing molecular graphics programs to visualize protein and DNA structures.

Goodsell's signature style uses generally very flat shading, with strong and simple colour-schemes. As is typical in medical illustration, the images are simplified representations of the subject that still retain accuracy of the important features.

Cornovirus 2020	Influenza Vaccine 2019	Blood 2000	Ebola Virus 2014	Biosites: cytoplasm 2005
				