



# In Search of Mechanisms Discoveries across the Life Sciences

By Lindley Darden

University Of Chicago Press. Paperback. Book Condition: New.

Paperback. 256 pages. Dimensions: 8.9in. x 6.0in. x

0.7in.Neuroscientists investigate the mechanisms of spatial

memory. Molecular biologists study the mechanisms of protein synthesis and the myriad mechanisms of gene regulation.

Ecologists study nutrient cycling mechanisms and their devastating imbalances in estuaries such as the Chesapeake

Bay. In fact, much of biology and its history involves biologists constructing, evaluating, and revising their understanding of

mechanisms. and 160; and 160; and 160; and 160; and 160; and

160; and 160; and 160; and 160; and 160; and 160:With In Search

of Mechanisms. Carl F. Craver and Lindley Darden offer both a

descriptive and an instructional account of how biologists discover mechanisms. Drawing on examples from across the life

sciences and through the centuries, Craver and Darden compile an impressive toolbox of strategies that biologists have used and

will use again to reveal the mechanisms that produce, underlie, or maintain the phenomena characteristic of living things. They

discuss the questions that figure in the search for mechanisms, characterizing the experimental, observational, and conceptual

considerations used to answer them, all the while providing examples from the history of biology to highlight the kinds of evidence and...



[ 5.69 MB ]

## Reviews

*Basically no phrases to clarify. It really is rally fascinating throgh reading time. Once you begin to read the book, it is extremely difficult to leave it before concluding.*

-- *Anabel Zemlak*

*This is an amazing book that I actually have actually read through. I am quite late in start reading this one, but better then never. You will not truly feel monotony at anytime of the time (that's what catalogs are for concerning should you ask me).*

-- *Scottie Schroeder DDS*

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