



# *Biographical Memoirs* Index

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-----Original Message-----

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## How to Use This Index

This index was created to provide a current index covering the most recent publications of *Biographical Memoirs* in print form. While the National Academy of Sciences has published an index online, this index is more complete and includes complete references that include the volumes and page numbers as well as links to the digital versions of each monograph (when viewed in electronic form only). The official website hosted by the NAS can be accessed at:

[http://www.nasonline.org/site/PageServer?pagename=MEMOIRS\\_A](http://www.nasonline.org/site/PageServer?pagename=MEMOIRS_A).

The NAS has recently made *Memoirs* published from 1995 to date in PDF format available online. Digital versions of *Memoirs* published prior to 1995 are limited. At the present time, a project is underway that will provide online access to all of the memoirs published from 1877 to date in PDF format. If you would like to receive updates of new online *Memoirs* as they become available, you may [subscribe](#) to their mailing list.

The Harold B. Lee Library's set of *Biographical Memoirs* is incomplete. Missing from the set are volumes 1-3, parts of volume 6, volume 8, parts of volumes 9, and volumes 10, 11, 12, and 60. The most recent volume in the library's set is volume 88, published in 2007.

In the index, citations are as follows:

Last, First Middle (lifespan), vol.:start-end (available electronic forms)

'Vol.' indicates the volume number, and 'start' and 'end' refer to the respective page numbers. To the right of the citation are links to the digital versions of the monograph. When viewing this index in its digital form online, the links are active and will redirect you to the NAS website where the memoir is hosted. The following is an example:

Eyring, Henry (1901-1981), 70:47–58 ([HTML](#), [PDF](#))

This index can be found in its digital form online at the following address:

<http://www.lib.byu.edu/resource/science/biographicalMemoirsIndex.pdf>

In the NAS listings, you may find a number in parentheses following the volume number, indicating an issue number. For instance:

Goodale, George Lincoln 11(6):1-19

The original index published with *Biographical Memoirs* listed some of the scientists as being in volume 17 or 21 of the *Scientific Memoirs* series which corresponds to volumes 10 and 11 of the *Biographical Memoirs* series respectively. When compiling the new index, instead of referencing them to the volume numbers of the *Scientific Memoirs* series, they were changed to the corresponding volume numbers found in the

*Biographical Memoirs* series – the series found in the Harold B. Lee Library’s holdings. Unfortunately, this is of no consequence as the Library’s set is missing volumes 10 and 11.

## **Introduction**

“The National Academy of Sciences (NAS) is an honorific society of distinguished scholars engaged in scientific and engineering research, dedicated to the furtherance of science and technology and to their use for the general welfare.

“The NAS was signed into being by President Abraham Lincoln on March 3, 1863, at the height of the Civil War. As mandated in its Act of Incorporation, the NAS has, since 1863, served to "investigate, examine, experiment, and report upon any subject of science or art" whenever called upon to do so by any department of the government. Scientific issues would become even more contentious and complex in the years following the war. To keep pace with the growing roles that science and technology would play in public life, the institution that was founded in 1863 eventually expanded to include the National Research Council in 1916, the National Academy of Engineering in 1964, and the Institute of Medicine in 1970. Collectively, the four organizations are known as the National Academies.

“Since 1863, the nation's leaders have often turned to the National Academies for advice on the scientific and technological issues that frequently pervade policy decisions. Most of the institution's science policy and technical work is conducted by its operating arm, the National Research Council, created expressly for this purpose. These non-profit organizations provide a public service by working outside the framework of government to ensure independent advice on matters of science, technology, and medicine. They enlist committees of the nation's top scientists, engineers, and other experts, all of whom volunteer their time to study specific concerns. The results of their deliberations have inspired some of America's most significant and lasting efforts to improve the health, education, and welfare of the population. The Academy's service to government has become so essential that Congress and the White House have issued legislation and executive orders over the years that reaffirm its unique role.

“The Academy membership is comprised of approximately 2,000 members and 350 foreign associates, of whom more than 200 have won Nobel Prizes. Members and foreign associates of the Academy are elected in recognition of their distinguished and continuing achievements in original research; election to the Academy is considered one of the highest honors that can be accorded a scientist or engineer. The Academy is governed by a Council comprised of twelve members (councilors) and five officers, elected from among the Academy membership. Dr. Ralph J. Cicerone is the president of the National Academy of Sciences.” (NAS, 2005)

According to the by laws of the NAS, as soon as practicable a member is designated to write, or secure from another source, a biographical memoir for each deceased member of the NAS,

“*Biographical Memoirs* is a series containing the life histories and selected bibliographies of deceased members of the National Academy of Sciences. Colleagues familiar with the discipline and the subject's work prepare the essays.

The memoirs provide a record of the life and work of our most distinguished leaders in the sciences, as witnessed and interpreted by their colleagues and peers. They form a biographical history of science in America and our nation's contribution to the intellectual heritage of the world." (NAS, 2005)

This index contains a complete list of memoirs published in the *Biographical Memoirs* series. A list of deceased members and *Biographical Memoirs* publications can also be found online:

[http://www.nasonline.org/site/PageServer?pagename=MEMOIRS\\_A](http://www.nasonline.org/site/PageServer?pagename=MEMOIRS_A)

The National Academies Press is currently in the process of digitizing the *Biographical Memoirs* series. This index shows which memoirs are currently available in electronic form, and a link is provided for your convenience. Other *Memoirs* are found in Brigham Young University's Harold B. Lee Library in the Science Reference collection under the call number Q 141 .N2.

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