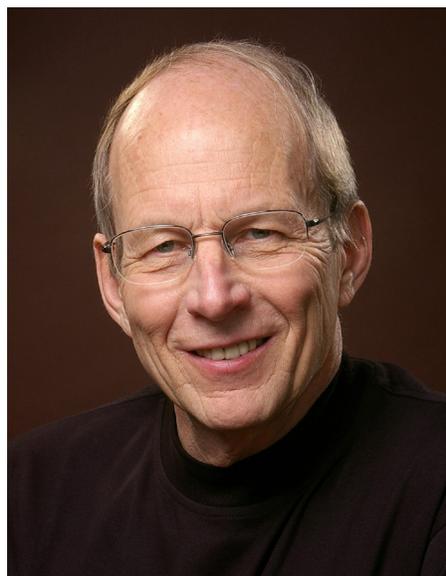


Bob Buchanan

How did you spend your career, and what do you consider to be your most important contributions to plant science.

The following publications convey both how I spent my career and my most important contributions to the field:

- **Buchanan, B. B.** (2016). The path to thioredoxin and redox regulation in chloroplasts. *Annual Review of Plant Biology* **67**: 1–24. <https://doi.org/10.1146/annurev-arplant-043015-111949>
- **Buchanan, B. B.** (2017). The path to thioredoxin and redox regulation beyond chloroplasts. *Plant Cell Physiology* **58**: 1826–1832. <https://doi.org/10.1093/pcp/pcx119>
- **Buchanan, B. B., Sirevåg, R., Fuchs, G., . . . Berg, I. A.** (2017). The Arnon–Buchanan cycle: A retrospective, 1966–2016. *Photosynthesis Research* **134**: 117–131. <https://doi.org/10.1007/s11120-017-0429-0>



When did you become a member of ASPP/ASPB?

1967.

How did the Society impact your career, and what motivated you to become a Founding Member of the Legacy Society?

I was trained as a microbiologist and did not study plants until age 29, when science led me to investigate chloroplasts and then seeds. I have been fascinated with plant

science ever since. My lack of expertise with plants enabled me to ask simple questions that proved to have interesting answers and open new fields of research. I thought that by becoming a Founding Member of the Legacy Society, I might inspire young scientists to follow a similar path.

What important advice would you give to individuals at the start of their career in plant science?

As in any field of science, one should ask difficult questions that others have been unable to answer and given up on. As my mentor, Daniel Arnon, said, “All easy problems have been solved.” Once you are convinced of the validity of your data, you should stand firm even when others are doubtful. It may take years, but my experience shows that in the end, you will be proven correct. As my mother counseled me, “Don’t give up ‘til the last shot is fired, and then, not even then let your courage falter.” I found this to be sage advice: breaking new ground is not easy.