

**Yan Kung**

Department of Chemistry
Bryn Mawr College
101 N. Merion Ave.
Bryn Mawr, PA 19010

610-526-5460
ykung@brynmawr.edu

Current position

Associate Professor, Department of Chemistry, Bryn Mawr College

Education and employment history

2019–Present Associate Professor, Bryn Mawr College
2013–2019 Assistant Professor, Bryn Mawr College
2011–2013 Postdoctoral Fellow, Lawrence Berkeley National Laboratory, University of California, Berkeley
2011 Ph.D. in Biological Chemistry, Massachusetts Institute of Technology
2005 B.A. in Chemistry, Colby College

Interests

I'm a protein crystallographer and structural enzymologist, and my lab studies enzymes responsible for the biological synthesis of isoprenoid natural product precursors, with additional interests in protein engineering and metalloenzymes. I have ~15 years of experience as a user at synchrotrons across the US, including APS, ALS, SSRL, NSLS, and CHESS, though I have used APS most extensively. As a faculty member at Bryn Mawr College, a primarily undergraduate institution (PUI) and liberal arts college for women, I am also interested in science education and access, especially for groups traditionally underrepresented in STEM fields.

Goals and ideas for advocacy for the user community

- Greater and/or “slicker” communications between APS and users, e.g. in emerging research, new facilities and capabilities (especially with APS-U), news and updates, and changes in access, in order to foster greater community and visibility
- Venues for greater interaction among users, including those in different fields
- Emphasis on diversity, equity, inclusion, and education
- Greater control of automated data collection and processing
- Remote access to X-ray data processing, refinement, and analysis programs

Honors and funding

2013– K/G Faculty Fund for Faculty Research Award, Bryn Mawr College
2015– 2019 NIH R15 Academic Research Enhancement Award (AREA)
2014 Andrew W. Mellon Tri-College Faculty Forum grant
2005 *Summa cum laude*
2005 Phi Beta Kappa