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ACES: (216) 368-8860  
[NSF-ACES@case.edu](mailto:NSF-ACES@case.edu)



# Bettie Sue Masters, Ph.D

**University of Texas Health Science Center  
at San Antonio**

Robert A. Welch Foundation Distinguished Professor in Chemistry

## **“Early Trails and New Horizons for Cytochrome P450 Oxidoreductase and Nitric Oxide Synthases”**

*September 28th, 12:00-1:00pm*

*Department of Biochemistry SOM W428*

Biochemist Bettie Sue Masters has a long distinguished record of studying flavoproteins and heme-containing proteins such as nitric oxide synthases, cytochromes P450, and NADP-cytochrome P450 reductase. Using a multidisciplinary biochemical and biophysical approach, Dr. Masters and her collaborators investigate the structure-function relationships of isoforms and mutants of these proteins. Dr. Masters' research targets proteins involved in neurotransmission, immune responses, vasodilation, hemodynamic regulation, and steroidogenesis. Dr. Masters has been elected to the National Academy of Sciences and as a Fellow of the American Association for the Advancement of Sciences, and been recognized by many awards. She has also served as President of the American Society for Biochemistry and Molecular Biology, and contributed as a policy advisor to many government and scientific agencies.

**Sponsored by ACES, the Office of the President and the Provost, and the Department of Biochemistry**

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