The objective of the lectureship is to honor, at an annual ACS meeting, the contributions of an individual who has had a major impact on scientific research at the interface of chemistry and biology particularly in the realm of biochemistry, biological chemistry and molecular biology. There are no restrictions on age or membership affiliation for the Hammes lectureship, but candidates must have published at least one paper in Biochemistry.

2009  William Eaton
2010  Perry Frey
2011  Doug Turner
2012  Angela Gronenborn
2013  Christopher T. Walsh
2014  Thomas L. Poulos
2015  Frank M. Raushel
2016  Carol A. Fierke
2017  John A. Gerlt
2018  Vern L. Schramm
2019  Dan Kahne