

# University of Maryland, Baltimore County

*In recognition of the successful completion of the  
requisite course of study and on nomination of the Faculty of the*

## Graduate School

*by virtue of authority granted by the State of Maryland to the Board of Regents  
of the University System of Maryland hereby confers upon*

**James Patrick Howard, II**

*the degree of*

## Doctor of Philosophy

*with all the honors, rights and privileges thereunto appertaining. In witness whereof this  
Diploma, signed by the authorized officers of the University and sealed with the  
corporate seal of the University of Maryland, Baltimore County, is granted.  
Given at the University of Maryland, Baltimore County on the twenty-first day of May, two thousand fourteen.*



*James L. Oree*  
*Chair, Board of Regents,*  
*University System of Maryland*

*Freeman T. Hrabowski III*  
*President,*  
*University of Maryland, Baltimore County*

*WE Ciwan*  
*Chancellor,*  
*University System of Maryland*

*Janet C. Rutledge*  
*Dean, Graduate School,*  
*University of Maryland, Baltimore County*