

1154-47-1095      **Paul S. Muhly\*** ([paul-muhly@uiowa.edu](mailto:paul-muhly@uiowa.edu)), Department of Mathematics, 2 West Washington St.,  
Iowa City, IA 52242. *W\*-Categories: the Womb of Noncommutative Function Theory.*

Noncommutative function theory is, *inter alia*, a function theory based on intertwining relations among spaces of matrices. So is the more general *matricial function theory* that Baruch Solel and I have been developing. I will describe how  $W^*$ -categories help to organize both theories. (Received September 13, 2019)