

## Thesis and Dissertation Electronic Publication Form

6/6/2013

### Student Information

Janita	Patwardhan	JZ20251
First Name	Last Name	UID
Applied Mathematics Ph.D. Program		May 20, 2020
Degree Program		Graduation Date
318 Highland Lane		
Street Address		
Bryn Mawr	PA	19010
City	State	Zip
(610) 717-8065	janita1@umbc.edu	
Daytime Phone Number	Email Address	

### Electronic Distribution Information

Please check only one:

- ☒ I authorize immediate access to the electronic full text of my work through ScholarWorks@UMBC.
- ☐ I request that the UMBC embargo (restrict) access to the electronic full text of my thesis or dissertation through ScholarWorks@UMBC for:
- ☐ One (1) year

☐ Six (6) years


☐ Other with explanation\*
- ☐ I do not authorize access to the full text of my work through UMBC ScholarWorks@UMBC

*\*This option requires approval by the Graduate School*

By signing and submitting this agreement, I grant UMBC a no cost, nonexclusive, right and license to include the scholarly material identified below in ScholarWorks@UMBC, and, through ScholarWorks@UMBC, to reproduce, publicly display, and distribute the material to users world-wide at no cost provided the University does not alter the content of the material.

I represent that I am the sole or joint owner of the entire copyright in the material or, to the extent that I do not hold copyright in any part of the material, I have the written authority from the owner of copyright to grant this license to UMBC. If the material is based on work that was sponsored or supported by an agency or entity other than UMBC, I represent that I have complied with any requirements the sponsor may have imposed on publication including a right of review or inclusion of an acknowledgement of sponsor support.

I acknowledge that I have reviewed the options for making my thesis or dissertation publicly available through ScholarWorks@UMBC and that I have discussed these options with my advisor. I understand that I must enter into a separate license agreement with ProQuest for my work to be included in its database.

 <hr style="border: 0; border-top: 1px solid black;"/>	<hr style="border: 0; border-top: 1px solid black;"/> April 18, 2020 <hr style="border: 0; border-top: 1px solid black;"/>
Signature	Date

The Disruption of Bursting Behavior in Pancreatic Islets: A Network and Dynamical Systems Analysis of Multicellular Clusters

Title of Thesis / Dissertation