

**SPRING SEMESTER 2019**  
**ECOLOGY 590 –GRADUATE COLLOQUIUM**  
**Wednesday 12:20 – 1:10 PM, 104 Forest Resources Building**

<b>DATE</b>	<b>SPEAKER</b>	<b>TITLE</b>	<b>Advisor</b>
Feb 6	Jen Nieves	The contribution of dormant-bud stump sprouts to forest regeneration	Kim Steiner
Feb 13	Rondy Malik	A chip off the old bark: does microbial establishment play a role in decomposer's home-field advantage (HFA).	Dave Eissenstat and Terry Bell
Feb 20	Curt McConnell	The evolution of soil P cycling conceptualization and modeling	Armen Kemanian
Feb 27	Sarah Rothman	Wildflower meadow restoration on surface mines	Andy Cole
	Ben Dillner	If a tree falls: Plant regeneration and resource availability in a Pennsylvania tree tip-up chronosequence.	Jason Kaye
Mar 6	Spring break	No colloquium	
Mar 13	Miranda DePriest	Investigating microbial invasion by examining community dynamics of the resident microbiome and traits of successful invaders	Terry Bell
	Caylon Yates	Bacterial niche expansion through adaptation to novel environments	Terry Bell
Mar 20	Rachel Rozem	Examining Scale Dependent Parameterization of the Penn State Integrated Hydrologic Model (PIHM)	Armen Kemanian
	Cat McClure	Spatial and temporal variability of contaminants in the Chesapeake Bay Watershed.	Tyler Wagner
Mar 27	Tarik Acevedo	Impact of soil amendments on microbial ecological services in restored mine lands.	Mary Ann Bruns
	Amanda Van Buskirk	Modeling the Effects of Localized White-Tailed Deer Density Reductions	Duane Diefenbach
Apr 3	Suzanne Fleishman	The agroecological functions of root-zone management in vineyards	Michela Centinari & Dave Eissenstat
	Lauren Onofrio	Spatial and temporal climate variability as a driver for intraspecific genetic variation in growth in black walnut	Laura Leites
Apr 10	Dominika Dec	West Nile Virus and Pennsylvania Ruffed Grouse	David Walter
	Monique Pipkin	How does context affect exploratory behavior and dispersal in zebrafish	Victoria Braithwaite
Apr 17	Noah Winters	Genomic evolution of defense response in <i>Theobroma cacao</i>	Jim Marden and Mark Gultinan
Apr 24	Tim Gould	A Framework for Evaluating Supporting and Cultural Services in Novel and Restored Ecosystem	Andy Cole & Ken Tamminga