

Richard Lugar Forestry Farm: Long Term Projects and Research Initiated Since 2016

Researcher	Department	Graduate Students	Title/topic of Research	Date Initiated	End Date
Dr. Matthew Ginzel	ENTM/FNR	Scott Gula	Effects of secondary metabolites on Asian longhorned beetle	5/1/20	9/30/20
Dr. Elizabeth Flaherty	FNR	Brandon Quinby	Deer pellet decay rates in west-central Indiana	11/16/19	3/28/20
Michael Jenkins	FNR		Understanding and manipulating plant-soil feedbacks to manage the invasive shrub <i>Lonicera maackii</i>	10/23/19	10/24/19
Dr Douglass Jacobs	FNR	Aziz Ebrahimi	Cold hardy analysis of <i>Juglans</i> species	10/8/19	12/30/21
Lawson, Shaneka	FNR		Refining soil suitability indices for black walnut	10/1/19	12/1/21
Brady Hardiman	FNR	Ben McCallister	Edge Canopy Study	9/1/19	12/1/20
Andrew Sweet	Entomology	David Stanford-Beale	Host selection in moth mites	8/12/19	11/30/19
Elizabeth Flaherty	FNR	Jessica Outcalt	Distribution of Bird Species Across Habitats and Their Diet Preferences	6/17/19	7/28/19
Sebastian Shepherd	Entomology		Impacts of agriculture on honey bees	5/12/19	7/31/19
Trevor Stamper	Entomology	Kelie Yoho	Necrophilous insect attraction to carrion beetles	4/13/19	6/1/19
Holly Wantuch	FNR		Utilizing a push pull strategy for management of ambrosia beetles in a plantation setting	3/25/19	5/10/19
Matthew Ginzel	Entomology	Matthew Ethington	Diversity of ambrosia beetles in native hardwoods and their response to push-pull management tactics	3/25/19	11/1/19
Liz Flaherty	FNR	Brandon Quinby	Deer Pellet Decay Study	12/1/18	4/1/19
Hannah Smith	FNR		Integrated Deer Management Project	10/16/18	10/18/18
Trevor Stamper	Entomology	Kelie Yoho	Expanding the utility of forensically important Coleoptera through the analysis carrion volatile responses	10/16/18	10/30/18
Trevor Stamper	Entomology	Kelie Yoho	Expanding the utility of forensically important Coleoptera through the analysis carrion volatile responses	10/12/18	10/21/18
Brian Beheler	FNR	John Burriss	Snake Fungal Disease Survey	10/1/18	10/10/18
Pat Zollner	FNR	Cheyenne Gerdes	Understanding Resource use by Northern Long Eared Bat in Fragmented Landscapes of Northern Indiana	6/12/18	7/15/18
Laura Ingwell	Entomology	John Ternest	Bumblebee high tunnel pollination	5/22/18	5/29/18
Dr. Matthew Ginzel	ENTM/FNR	Scott Gula	Emerald ash borer protein mark-recapture and dispersal	5/1/18	9/30/18
John Couture	ENTM/FNR		Non-invasive stress detection in black walnut	5/1/18	12/31/21
Matt Ginzel	Entomology	Matt Ethington	Chemical ecology of bark and ambrosia beetles in deciduous trees	5/1/18	11/30/18
Dr. Matthew Ginzel	Entomology and Fore	Scott Gula	Chemical Ecology of Longhorned Beetles	5/1/18	7/31/18
Dr. Clifford Sadof	Entomology	Sara Stack	EAB overwintering study	4/3/18	4/17/18
John Couture	ENTM, FNR		Hyperspectral monitoring of water and nutrient stress in black walnut (<i>Juglans nigra</i>) seedlings	4/1/18	10/31/21
Dr. Rob Swihart	FNR	Megan Zagorski	Raptor Diets in a Cover-Cropped Setting	2/25/18	4/30/18
Jeanette McGavic	Indiana State Dept. of Health		Tick Surveillance-Updating Distribution Maps	1/1/18	12/31/18
Rob Swihart	FNR	Megan Zagorski	Raptor use of artificial perches	11/27/17	12/8/17
Dr. Douglass Jacobs	FNR	Caleb Redick	Long-term effects of white-tailed deer exclusion and <i>L. mackii</i> removal on forest regeneration and herbaceous species in hardwood forests	11/3/17	9/30/19
H. Kory Cooper	Anthropology	Isabelle Ortt (underg	Experimental Archaeology - Copper-working	9/28/17	12/30/17

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Matthew Ginzel	Entomology	Matthew Ethington	Chemical ecology of ambrosia beetles colonizing hardwood trees	8/28/17	12/31/19
Douglass Jacobs	FNR	Caleb Redick	Overcoming Deer Herbivory to Aid Hardwood Regeneration	8/15/17	12/21/19
Laura Ingwell	Entomology		Impacts of agrochemicals on bumblebees	7/13/17	8/30/17
Matt Ginzel	ENTM/FNR	Scott Gula	Longhorned Beetle Trapping	6/23/17	9/30/17
Marisol Sepulveda	FNR	Amy Lynne Weber	Wildlife Forensics	6/22/17	7/22/17
Jim McKenna	FNR		Breeding chestnut blight resistance	5/1/17	5/1/27
Jarred Brooke	FNR		Precocious White Oak Trial	4/1/17	4/1/29
Dr. Matt Ginzel	ENTM/FNR	Scott Gula	Egg Albumin EAB Marking Study	3/15/17	6/15/17
Mary Catherine Aim	Botany and Plant Pa	Stephen Russell; we	Mycoflora of Indiana	3/6/17	12/31/20
Matthew Ginzel	Entomology	Matthew Ethington	Chemical ecology of bark and ambrosia beetle pests of hardwood trees	2/24/17	10/31/17
Dr. Cliff Sadof	Entomology	Sara Stack	Ash Survey	2/10/17	7/31/17
Jarred Brooke	FNR		Wildlif Food Plot Trials	9/1/16	9/1/17
Dr. Catherine Searle	Biology	Spencer Siddons	Understanding distribution of amphibians and prevalence of pathogenic chytrid fungus.	7/28/16	11/28/16
Dr. Jeffrey Holland	Entomology	Jakob Goldner	Habitat connectivity and dispersal adaptations in ebony jewelwing metapopulations	5/1/16	5/1/19
Mike Jenkins	FNR	Graham Frank	Community response to honeysuckle removal	8/1/15	9/1/17
Jim McKenna	HTIRC		Juglans Spp. Germplasm	2010-2014	long term
Koch/McKenna	USDA NRS Forest Science Lab, Delaware OH		Beech Bark Disease Screening	2015	long term
Meilan	HTIRC		Populus Germplasm bank	2015	long term
Jason Hoverman	FNR		Ecological research on amphibians and reptiles	2005	long term
Jim McKenna	HTIRC		Black Cherry progeny test	2009	long term
Jim McKenna	HTIRC		Hybrid walnut trial	2009	long term
Jim McKenna	HTIRC		Black cherry clone trial	2009	long term
Bryan Pijanowski	FNR	Dante Francomano	Tippecanoe Soundscape Study	2005	long term
McKenna/Jacobs/Jenkins/Saunders	HTIRC		Demonstration of select stock, deer browse effects and time released fertilizer in 4 fine hardwoods	2008	long term
Jim McKenna	HTIRC		Walnut progeny test	2008	long term
Jim McKenna	HTIRC		White oak seed orchard	2008	long term
Jim McKenna	HTIRC		Black cherry seed orchard	2007	long term
Sadof	ENT		National Elm Trial	2005	long term
Jim McKenna	HTIRC		Black walnut seed orchard	2003	long term
Jim McKenna	HTIRC		Chestnut blight screening block	2002	long term
Jim McKenna	HTIRC		Black Walnut Progeny test	2000	long term