

**2018**  
**NPDRS New and Emerging Diseases**

<b>PI</b>	<b>Location</b>	<b>CRIS Project</b>	<b>Title</b>
Bonman, M.	Aberdeen, ID	2050-21000-033-00D	Seed preparation for Kenya field trial for Ug99 screening
Castlebury, L.	Beltsville, MD	8042-22000-298-00D	Systematics of Thecaphora species related to peanut smut
Chamberlin, K.	Stillwater, OK	3072-21220-008-00D	Breeding for resistance to peanut smut
CIMMYT	Texcoco, Mexico	0500-00082-001-03S	Identifying new genetic resources and evaluating United States wheat germplasm to stem rust in eastern Africa
Crouch, J.	Beltsville, MD	8042-22000-209-00D	Diversity of the select agents causing brown stripe downy mildew, Philippine downy mildew and related pathogens causing downy mildews of corn, sorghum, and other grasses
Duan, Y.	Fort Pierce, FL	6034-22000-042-00D	Identification , characterization and control of seed-transitted new diseases of citrus
Dunlap, C.	Peoria, IL	5010-22410-019-00D	Novel approaches to controlling Laruel and Fusarium wilt in avocados
Hartman, G.	Urbana, IL	5012-22000-022-00D	Evaluation of soybean genotypes fo resistance to Red leaf blotch
Jin, Y.	St. Paul, MN	5062-21220-021-00-D	Support off-site back-up of critical stem rust fungal isolates
Jin, Y.	St. Paul, MN	5062-21220-021-00-D	Support Ug99 surveillance: monitoring potential incursions of foreign stem rust races in sentinel plots in southern US
Jin, Y.	St. Paul, MN	5062-21220-021-00-D	Survey of rust infections on native and re-emerged barberries in order to determine the role of barberry in rust pathogen variations and disease epidemiology in the US
Kianian, S.	St. Paul, MN	5062-21220-021-00-D	Saturation mapping of chromosome 6A reistance QTL
Kianian, S.	St. Paul, MN	5062-21220-021-00-D	Identifying and mapping adult plant resistance of oats to oat crown rust.
Li, R.	Beltsville, MD	8042-22000-302-00D	Discovering pathogens associated with rapid apple decline
Luster, D.	Fort Detrick, MD	8044-22000-045-00D	Rapid detection of Phytophthora ramorum in nursery irrigation water
Martin, F.	Salinas, CA	2038-22000-016-00D	Developoment of a systematic approach for rapid detection and identification of downy mildews
Marshall, D.	Raleigh, NC	6070-22000-018-00D	Conduct field trials in Kenya for Ug99 screening
Paulitz, T.	Pullman, WA	2090-22000-017-00D	Black leg of conola (Leptosphaeria maculans) - a threat to brassica crops in the Pacific Northwest

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Ray, J.	Stoneville, MS	6066-21220-102-00D	Comparison of the genomic sequence of soybean genotypes with pyramided rust resistance genes and QTL mapping of tolerance
Rogers, E.	Fort Detrick, MD	8044-22000-044-00D	Livestock toxicosis: deconstructing the cross-domain interactions of a neurotoxicogenic bacterial plant pathogen, its nematode vectors, and its grass hosts
Rouse, M.	St. Paul, MN	5062-21220-021-00-D	Additional genotyping and related service fees for wheat and wheat relative populations that segregate for Ug99 resistance to identify new resistance genes
Rutter, W.	Charleston, SC	6080-22000-029-00D	Developing resources to manage the exotic root-knot nematode <i>Meloidogyne enterolobii</i>
Scheffler, J.	Stoneville, MS	6066-21000-052-00D	Developing simple sequence repeat (SSR) and single nucleotide polymorphism (SNP) primers for marker assisted selection of two cotton disease resistance traits
Shishkoff, N.	Fort Detrick, MD	8044-22000-046-00D	BoxwFilling stakeholder-identified gaps in Boxwood blight research
Sudarshana, M.	Davis, CA	2032-22000-016-00D	Investigation of the etiology of Cherry stem pitting disease
Swingle, B.	Ithaca, NY	8062-21000-035-00D	Identification of novel resistance to soft rot and cyst nematode diseases in wild potato for improving cultivated potato disease resistance
Szabo, L.	St. Paul, MN	5062-21220-021-00-D	Genotyping of critical samples of wheat stem rust pathogen ( <i>Puccinia graminis</i> f. sp. <i>tritici</i> ) to monitor new or emerging strains that threaten U.S wheat production
Szabo, L.	St. Paul, MN	5062-21220-021-00-D	Develop molecular tools for the identification of rust pathogens of barberry
Zasada, I.	Corvallis, OR	2027-22000-043-00D	Pany-mycobiome of potato cyst nematodes