

**Annual Meeting of the
Genetic Biocontrol of Invasive Rodents (GBIRd)
Partnership in conjunction with the
NCSU DAPRA Safe Genes Technical Update**

DRAFT Meeting Agenda

Courtyard Marriott Washington DC

1325 2nd St NE, Washington, DC 20002

November 5 & 6, 2017

8:30AM-5:30PM

Organizational Invitations: North Carolina State University, Texas A&M University, University of Adelaide, National Wildlife Research Center (WS/APHIS/USDA), CSIRO, Landcare Research, New Zealand Department of Conservation, Island Conservation, Seaver Foundation, Next Foundation, Predator Free New Zealand 2050, DARPA Safe Genes Program, and Others

Planning Committee: Peter Brown, Karl Campbell, John Godwin, Toni Piaggio, Royden Saah

Meeting Facilitator: Chad Hanson

Sunday, November 5th

MORNING

- I. Morning Snacks and Nametags 8:00-8:30
- II. Opening 8:30-8:35
- III. Introduction to Meeting 8:35-8:45
- IV. GBIRD Program Overview and Update 8:45-9:00
- V. Mouse Development
 - a. t-SRY Mice - David Threadgill (Texas A&M University) 9:00-9:20
 - b. CRISPR-Cas9 Mice - Paul Thomas (University of Adelaide) 9:20-9:40
- VI. Discussion of Mouse Development - All 9:40-10:00
- VII. BREAK 10:00-10:15
- VIII. Modeling - TBD - 10:15-10:30
 - a. Modeling Discussion - 10:30-10:45
- IX. Island Selection – Karl Campbell (Island Conservation) 10:45-11:00
 - a. Island Selection Discussion - 11:00-11:10
- X. Genetic Characterization of Island Mice - Toni Piaggio (USDA National Wildlife Research Center) and John Godwin (NCSU) 11:10-11:30
 - a. Genetic Characterization Discussion - 11:00-11:40
- XI. GBIRD External Ethics Board Overview - Elizabeth Heitman (University of Texas Southwestern Medical Center) 11:40-11:55
 - a. Discussion on how GBIRD steering committee and other partner staff interact with the Ethics Board. 11:55-12:15
- XII. Box Lunch - 12:15-1:30

Sunday, November 5th

AFTERNOON

(Afternoon sessions will include a 5 minute question period in each slot)

- XIII. Mate Choice in Mouse Gene Drives – John Godwin (NCSU) 1:30-1:45
- XIV. Regulatory Process
 - a. US Regulatory - Gregg Howald (Island Conservation) 1:45-2:05
 - b. AU Regulatory – Owain Edwards (CSIRO) 2:05-2:25
 - c. NZ Regulatory – Dan Tompkins (Landcare Research) 2:25-2:40
- XV. Break 2:40-2:55
- XVI. Stakeholder & Community Engagement
 - a. US Update – Jason Delborne (NCSU) 2:55-3:10
 - b. NZ Update - Edy MacDonald (NZ Dept. of Conservation) 3:10-3:40
 - c. AU Update - Owain Edwards (CSIRO) 3:40-3:55
- XVII. Media & Outreach – Packard 3:55-4:15
- XVIII. Recap of Day1 & Preparation for Day 2 - 4:15-4:30

Drinks and Nibbles 4:30-5:30

Dinner - TBA

Monday, November 6th - Facilitated Discussions

- I. Morning Snacks 8:00-8:30
 - II. Opening 8:30-8:45
 - III. GBIRd Structure - When & How to Expand Partnership:8:45-9:45
 - IV. Break 9:45-10:00
 - V. GBIRd & Safe Genes Structure – Maximizing Efficiencies: 8:45-9:45
 - a. Information Sharing – Understanding Technical Progress Across Programs
 - b. Transparency-
 - i. GBIRd Principle
 - ii. Meeting DARPA Safe Genes Requirements for Info Sharing with Researchers and Stakeholder Community
 - VI. Break 9:45-10:00
 - VII. Development of Critical Points in Program: 10:00-11:00
 - a. Opportunities and Barriers to the GBIRd Effort
 - VIII. Identification of Experiments and Data Needed to Get to Field Trial: 11:00-12:00
 - IX. Box Lunch 12:00-1:00
 - X. IT Platform for GBIRd & DARPA Safe Genes: 1:00-2:00
 - XI. Break 2:00-2:15
 - XII. Scope of Potential Benefits to be Promoted by GBIRd 2:15-3:15
 - a. Biodiversity Conservation on Islands Exclusively or Not
 - XIII. GBIRd Program Sustainability 3:15-4:15
- Drinks and nibbles 4:15-5:00
- Dinner: TBD