‘Sekaki’ (Malaysia) or ‘Holland’ (Thailand)

- Good color
- Thick flesh
- Mild flavor
- 1 – 1.5 kg
- 9% TSS
Laie Gold x Sekaki F1

Big Island x Sekaki F1
Solo x Sekaki F1’s:

Negatives
• Enlarged fruit size to 1 – 1.5 kg
• Reduced TSS to 10 – 12%
• Softens fruit texture

Positives
• Increases flesh thickness
• Vegetative vigor
• Some thrips resistance

Best potential for home garden

Further improvement through back-crossing to solo
**Caricaceae**

**Carica:**
1 C. American species:
*C. papaya*

**Vasconcellea:**
~20 S. American species
Gregory Hoover, MS – 2016

- Inter-generic hybrids
- Ploidy-doubling for fertility
Screening Banana Germplasm for Naturally Occurring BBTV Resistance

Gabriel Sachter-Smith

Gabriel in his banana germplasm collection at Waimanalo (2014)

Severe BBTV symptoms
BBTV Resistance Exists and Provides Disease-Free Production Window

- Gros Michel, Pisang Awak

![Bar chart showing average time to 1st harvest and 1st BBTV symptoms for different plant varieties.]

- **Average time to 1st harvest**
- **Average time to 1st BBTV symptoms**
BBTV-Resistant Selections Are As Productive (Or Better) Than Current Commercial Clones

**Figure 6. Average Bunch Weights for First Cycle of Fruiting for Edible Cultivars**
Pisang Awak (ABB)

‘NPV’

‘Kayinja’

Gros Michel (AAA)

‘Highgate’
Ongoing Work:

• Replicated trial at Waimanalo to confirm BBTV resistance in:
  - Cocos
  - Highgate
  - Kayinja
  - NPV

• Further taste tests to sample consumer acceptance

• Find a way to propagate virus-free keiki for distribution of clean planting material to growers