Future of Bioscience Graduate and Postdoctoral Training Funding Models
Challenge:
• Impose governor on the amount of training we try to achieve
• Define the appropriate mechanism for supporting training
• Identify a training path that will enhance and maintain the enthusiasm of the trainee
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Solutions and strategies to overcome barriers:
• Ensure detailed information is available to potential trainees on realistic outcomes to their training
• Need to alter the mindset that more faculty (grants) should also mean more trainees
   • Staff scientists or research specialists supported
• Financial investment by learners
Challenge:
• Define the appropriate mechanism for supporting training

Solutions and strategies to overcome barriers:
• Supplements to R grants specifically for training
• Expand the use of training grants to shift trainees from research grants; this is where the best training takes
• Both opportunities require mentoring plans and outcomes measurement (IDPs)
Challenge:
• Identify a training path that will enhance and maintain the enthusiasm of the trainee

Solutions and strategies to overcome barriers:
• The current model is that you can default to a MS degree; an alternative model is that a PhD is predicated on having obtained a MS
• University contribute to the salary of the PI; the PI can devote more time to mentoring
• Money given to a trainee to support his/her research to bring to the institution; in turn, the institution is challenged to give the trainee desired outcomes
FOBGAPT Workshop 6- quotes of the day:

• **Using research dollars for training?**
  – “We love all of our children the same, but we can’t afford to keep having more.”
  – “If banana’s were free, we’d all be slipping on banana peels”

• **Putting negative control loops in the system to limit trainee numbers:**
  – “Without negative feedback in your thermostat, your house would overheat and you would expire”

• **Regarding predicting which of the trainees that we accept into our programs will succeed**
  – “Eventually ever pig finds a truffle”

• **Regarding the joy of training students:**
  – “Trainees are like Play-doh: they are malleable, colorful, and if you push them, you can mold them into what you want.”
  – “Trainees are like Plato.”