# Myself and my luck so far

- Introducing myself:
  - Xin (given name 新, sounds like "sinh") Ge (family name 葛, "gru")
  - B.S.(2000) M.S. (2003) in ChE/BiochE, Tsinghua University (China)
  - Ph.D. (2008) in ChE, McMaster University (Canada)
  - Post-doc (2008-2011) University of Texas, Austin
  - Started 2011 summer at UCR, Chemical and Environmental Eng. Dept.
  - Research area: Antibody, biocatalysis, protein engineering, etc

- Luckily supported by
  - NSF CBET CAREER
  - NSF CBET Catalysis/Biocatalysis
  - NSF NSF IIP Synthetic Biology STTR phase I (Co-PI)
  - California Breast Cancer Research Program
  - UC Cancer Research
  - UC MEXUS Collaborative Project
  - 3 UCR Collaborative Seed Grants

# List of (never shown) unsuccessful applications

- DoE YIP
- NSF CBET BBBE
- NSF CBET Energy for Sustainability
- NIH NCI R21
- NIH NCI R21 re-submission
- NIH NIGMS R01
- DoD CDMRP
- Hellman fellowship
- DoD ARPA-E
- Several more as Co-PIs…

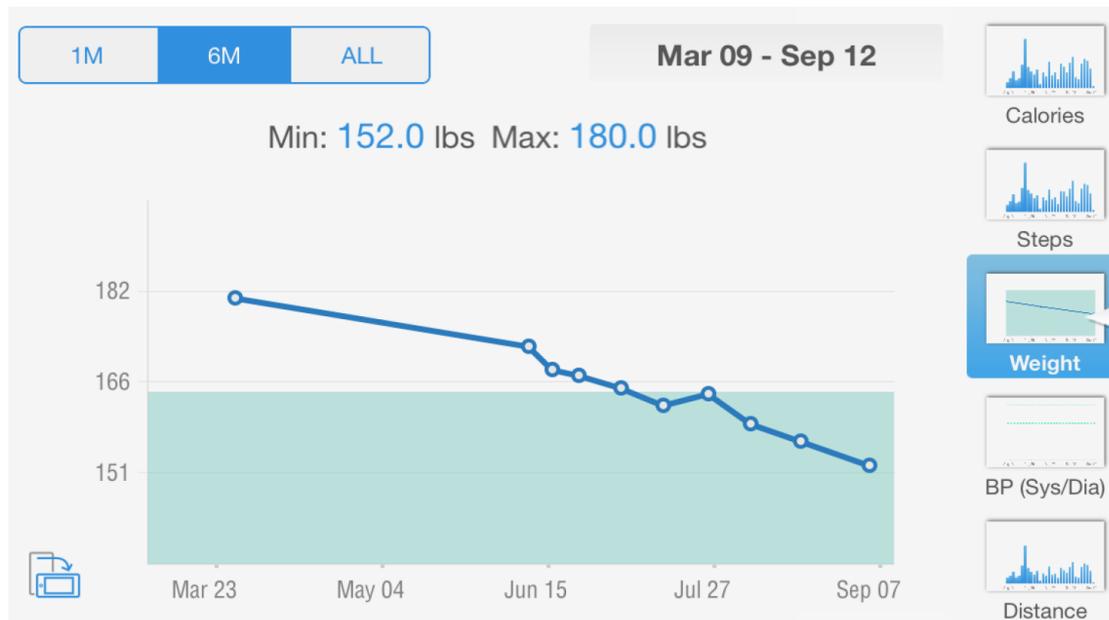| Application ID | Grants.gov Tracking # | Proposal Title | PD/PI Name | eSubmission Status | Current Application Status | Status Date | Action |
|---|---|---|---|---|---|---|---|
| 1R01GM115672-01A1 (MPI) | GRANT11957431 | Structure-based design of camel-like human selective mAbs against MMPs in disease | GE, XIN | Submission Complete | Pending IRG Review | 07/14/2015 | Transmittal Sheet |
| 1R21CA182220-01 | GRANT11329169 | Mechanistic Insights into Matrix Metalloproteinase Activation using Highly Select | GE, XIN | Submission Complete | Administratively Withdrawn by IC | 07/01/2015 | Transmittal Sheet |
| 1R21CA174614-01 | GRANT11135353 | Methods to Generate Highly Selective Antibodies Inhibiting Tumorigenic Proteases | GE, XIN | Submission Complete | Administratively Withdrawn by IC | 07/01/2015 | Transmittal Sheet |
| 1R01GM115672-01 | GRANT11750815 | Structure-based design of camel-like human selective mAbs against MMPs in disease | GE, XIN | Submission Complete | Council review completed | 06/04/2015 | JIT \| Transmittal Sheet |
| 1R21AI119922-01 (MPI) | GRANT11764721 | Experimental Test of a Mouse C3 with Humanized Binding Site for Compstatin | GE, XIN | Submission Complete | Not Discussed | 02/18/2015 | Transmittal Sheet |
| 1R21CA182220-01A1 (MPI) | GRANT11534495 | Mechanistic Insights into Matrix Metalloproteinase Activation using Highly Select | GE, XIN | Submission Complete | Council review completed | 06/26/2014 | JIT \| Transmittal Sheet |
| 1R01OD019098-01 (MPI) | GRANT11512602 | Quantitative Human Genome-wide Protein Interaction Analysis in Mammalian Cells | GE, XIN | Submission Complete | Not Discussed | 03/20/2014 | Transmittal Sheet |
| 1R21AI111387-01 (MPI) | GRANT11432643 | Eliminating biofilm in chronic wounds by engineered human paraoxonase-elastin fus | GE, XIN | Submission Complete | Not Discussed | 12/13/2013 | JIT \| Transmittal Sheet |
| 1R21CA182123-01 | GRANT11326292 | Understanding tumorigenic protease networks using highly selective mAb inhibitors | GE, XIN | Submission Complete | Withdrawn | 03/01/2013 | Transmittal Sheet |

# Tips for grant applications

- Never give up
  - 0 chance if not try
- Try early
  - Learn feedbacks and justify accordingly
  - Let your program officer knows you
- Contact PO
  - Ask for his/her opinions on the ideas
  - Helps to interpret the review critics
  - Suggestions on how to address them
- Volunteer for panel review
  - Understand how applications are reviewed
  - Your colleagues know you were reviewing…
- Read awarded grants, carefully
- Get supports from grant personals
  - Mitch Boretz / Oscar Caso @ Engineering

# Deal with stress & my secret email folder

- AP is stressful
  - UG, GS, grant, teaching, colleagues, peer-pressure, family, kids...
  - Stressful, disappointed, depression…
- Ask myself the following questions:
  - Is this the career path you want to chose?
  - Are you going to do the same if chose again?
- AP is another 5 year Post-doc
  - Great chance to learn new skills
  - Nothing to lose
- "Feel-Good" email folder, including
  - Offer letter from UCR
  - Grant notifying messages from PO
  - Cheer-up emails from previous advisors
  - …

# Wish I knew before

- Apply green card early
  - For travel and some grants
- Take care of your body



- Thank Ameae for this chance to share my experiences with you and for myself looking back and targeting next
- Thank you all and good luck!

# What happened to my foot