

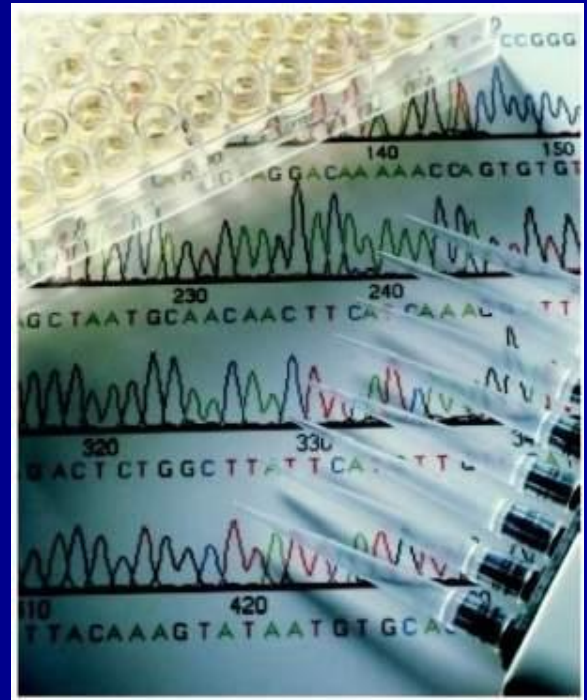


Graduate Student Lunch-n-Learn Panel ASAS Meetings

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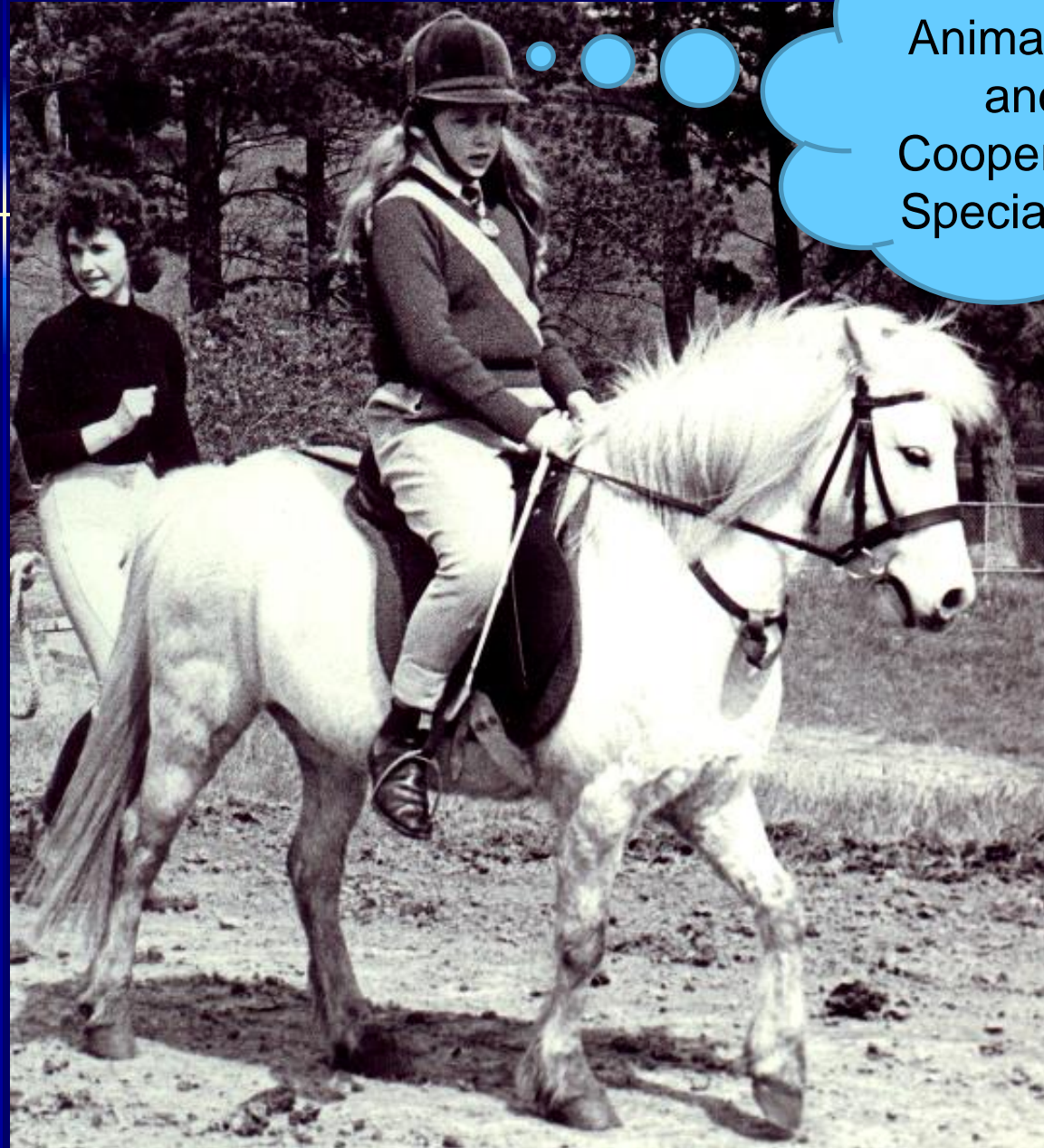
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animalscience.ucdavis.edu/animalbiotech



Circa 1973....



I think I might be an
Animal Biotechnology
and Genomics
Cooperative Extension
Specialist when I grow
up



What do you want to be when you grow up? You have no idea!

- The top 10 jobs that will be in demand in 2010 **didn't exist** in 2004
- *PCR* was developed by Mullis in 1983, when I was a junior in college
- The term *Genomics*, was coined by Thomas Roderick in 1986, the year I finished my BS
- The human genome project began 1990, the year I finished my Masters



It took me ~ 20+ years to get the right job!

| Year | What | Location |
|---------|---|--|
| 1981 | Graduated High School (Age 18) | Melbourne, Australia |
| 1982-6 | Agricultural Science BS | University of Melbourne, Australia |
| 1983 | International Ag trainee | Cattle Ranch, Texas, USA |
| 1986 | Education Abroad Program – senior yr. | University of California, Davis, USA |
| 1987 | Research Scientist | Cooper’s Animal Health, Australia |
| 1988 | Traveled the world with a backpack | Lots of places !! |
| 1989-90 | Animal Science MS | University of California, Davis, USA |
| 1990 | Got married | Now stuck in CA, USA |
| 1991-3 | Dairy & Livestock Farm Advisor | UC Cooperative Extension, San Joaquin Valley, CA |
| 1993-7 | Genetics Ph.D. | University of California, Davis |
| 1997 | Had first child | Now stuck in Davis, CA |
| 1998-02 | Research Scientist in plant genomics | Calgene (Monsanto), Davis, CA |
| 2000 | Had second child | Now really stuck in Davis, CA |
| 2002 → | Animal Biotechnology and Genomics Coop. Ext. Specialist (Age 38¾!) | University of California, Davis |







Animal Genomics and Biotechnology Program

Alison Van Eenennaam



Research Areas

- Modification of milk composition
- Biological containment of genetically engineered fish
- **Use of DNA-based biotechnologies including marker-assisted selection in beef and dairy cattle production**

Outreach Areas

- Uses of genetic engineering in California agriculture
- Coexistence of genetically engineered crops in California agricultural systems
- **Issues associated with the development and use of genetically engineered and cloned animals.**





'Do What You Love, and You'll Never Work a Day in Your Life'

- Be enthusiastic !!
 - Explain your vision for that position
 - Do your homework – why that position ?
 - Be collegial – what collaborations could you envision with your potential new colleagues?
 - Where do you anticipate going after funding?
 - Why are YOU the ideal candidate ?
 - Use your imagination
- (P.S. **TRAVEL** while you can!)