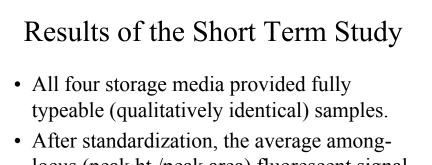


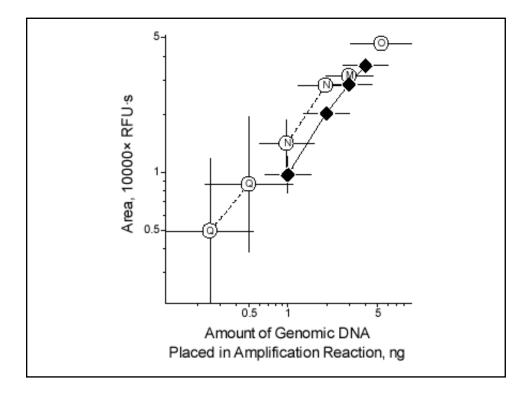
Short Term Study in conjunction with AFDIL

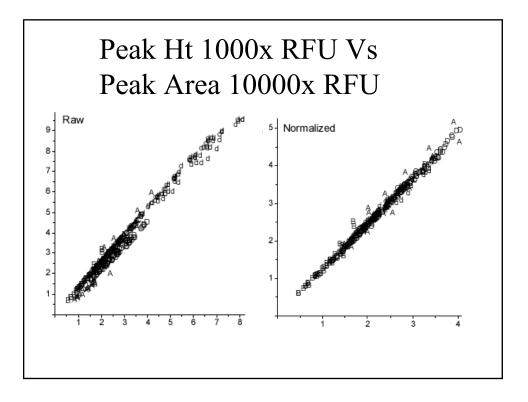
- 70 individuals' blood was spotted on 4 different storage media
 - − S&S 903TM & IsoCode[®] papers
 - FITZCO, Inc Whatman BFC 180 & FTA papers
- The blood stains were vacuum sealed with desiccant.
- Storage was 19 months at lab ambient temperature.

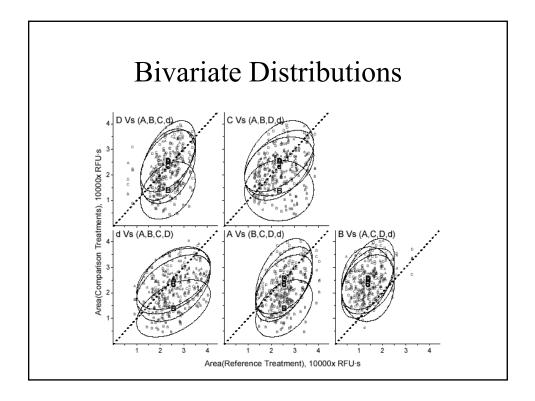


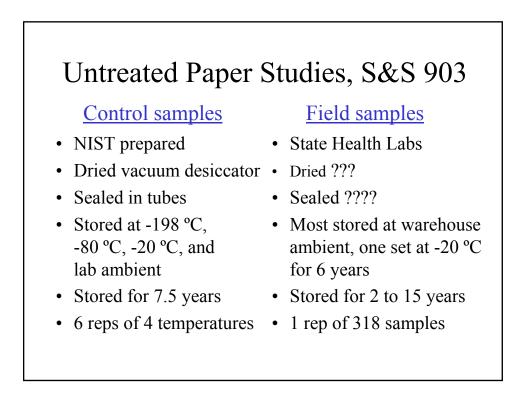
 After standardization, the average amonglocus (peak ht /peak area) fluorescent signal provided a metric for determining the relative amounts of amplifiable DNA recovered.

Manuscript describing the details of this study has been accepted for publication in *Analytical Chemistry*

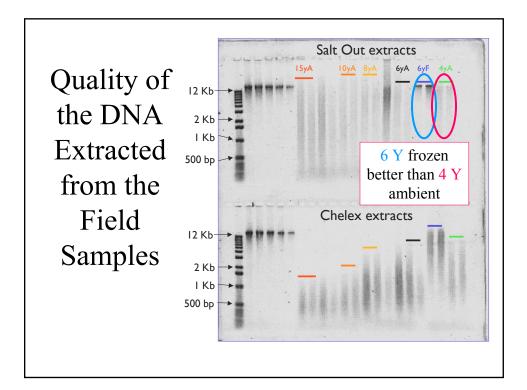


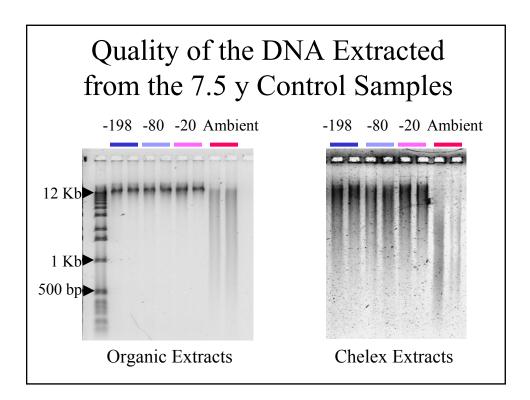


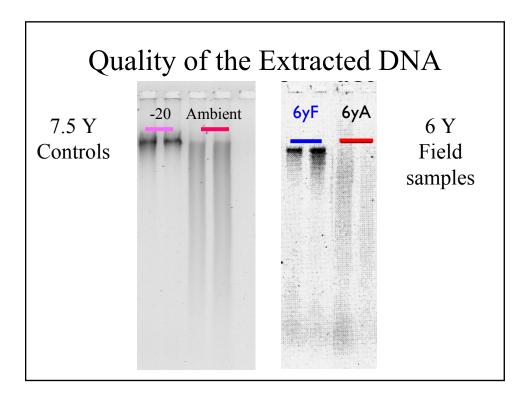


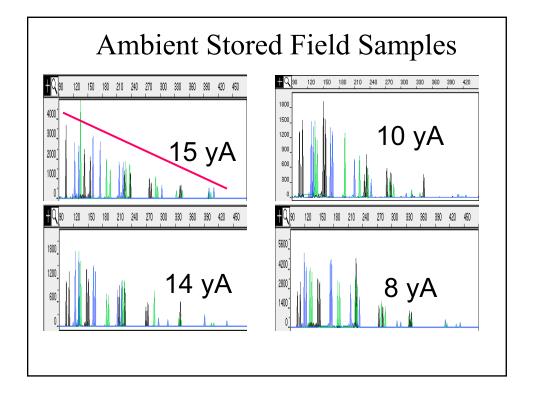


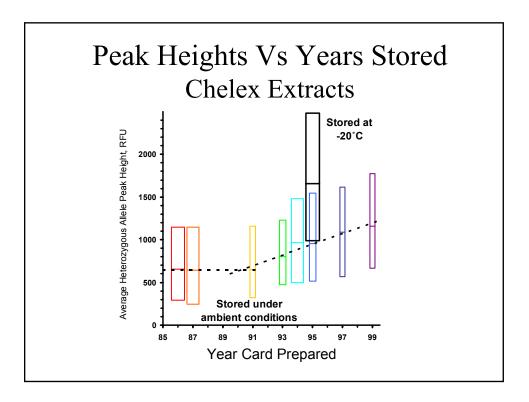
Year Spotted (Code)	Storage Conditions	# Samples Received
1986 (15 yA)	ambient	51
1987 (14 yA)	ambient	51
1991 (10 yA)	ambient	25
1993 (8 yA)	ambient	26
1994 (7 yA)	ambient	50
1995 (6 yF)	-20°C	50
1995 (6 yA)	ambient	25
1997 (4 yA)	ambient	20
1999 (2 yA)	ambient	20
	Total	318

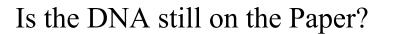




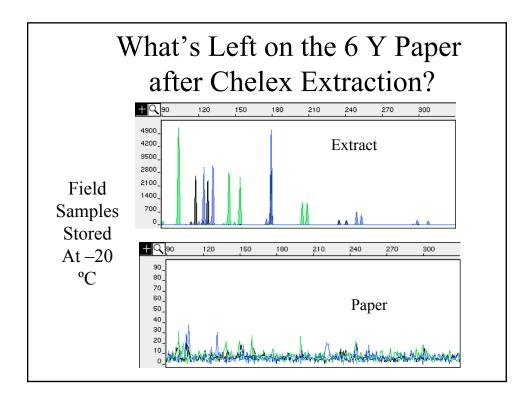


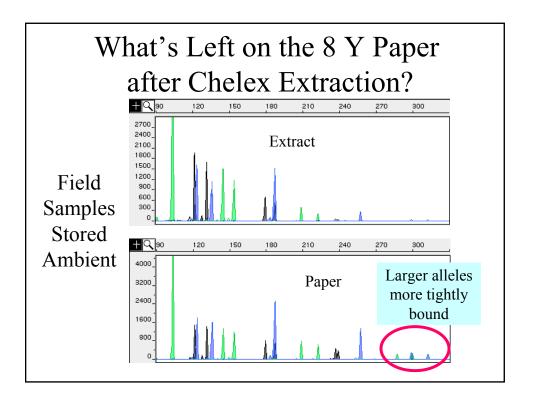


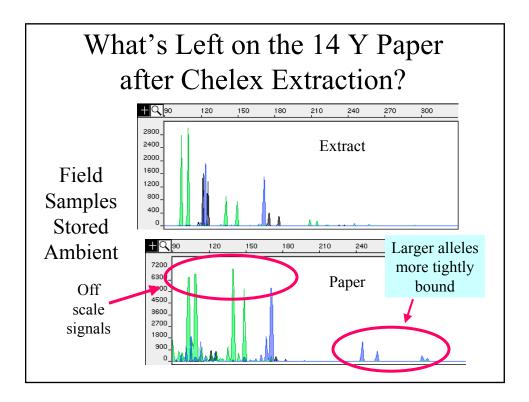


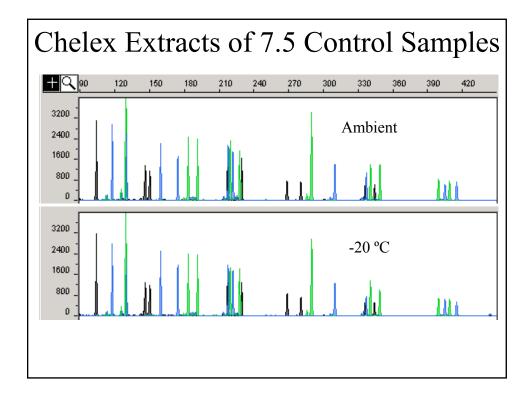


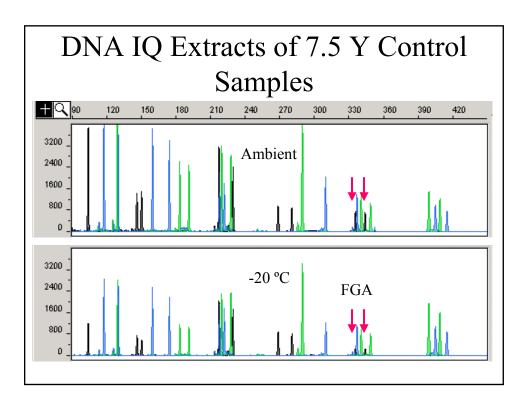
- Take bloodstain "spots" that have gone through the Chelex extraction Process
- Wash the Extracted Spots with 10 mM Tris buffer.
- Air dry the spots and take 1.2 mm subsamples.
- Place the now dry sub-samples into PCR amplification tubes AND...

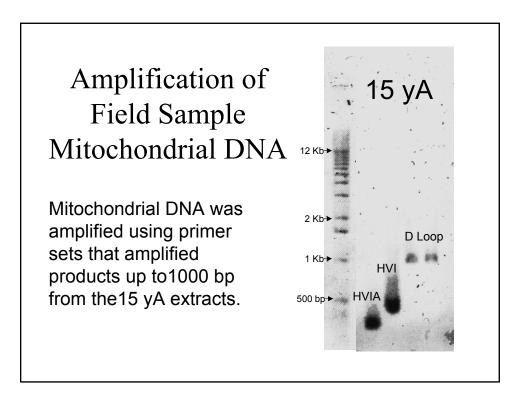


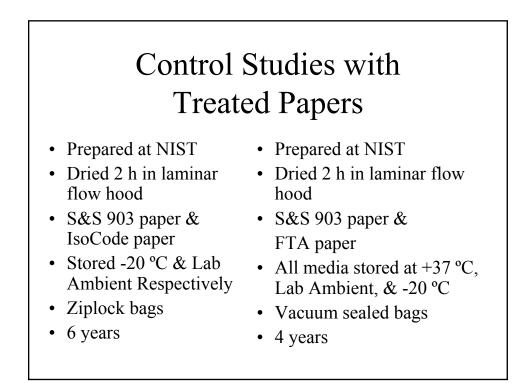


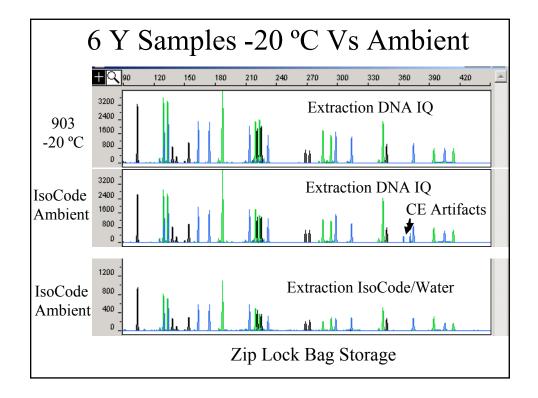


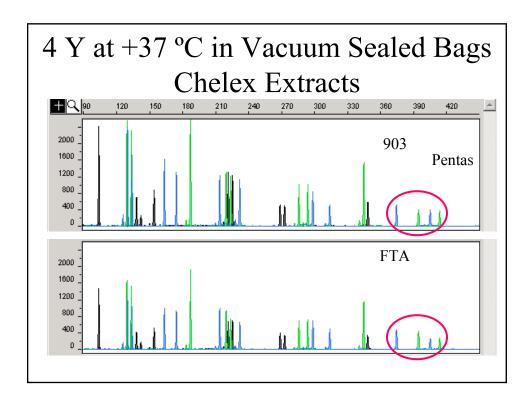


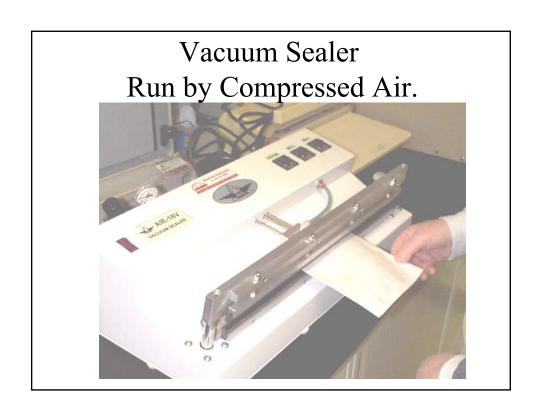


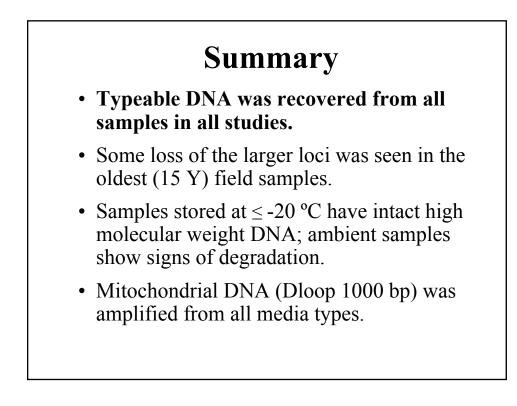












Acknowledgment:

The authors wish to thank:

Indiana State Department of Health Rhode Island Health Laboratories Bureau of Laboratories, South Carolina Department of Health

for providing the field samples used in this study and for their generosity in donating time for sample preparation and labeling.