

UNIT 21 FACT SHEET #1

AERON L, G6, AGE 10 [FRANK---TOM--- MARION---SUE---FLOYD---AERON]

1. Audiogram submitted? NO
2. Describe hearing loss: SERIOUS
3. At what age did hearing loss begin? 6 YEARS
4. Has it increased over the years? UNKNOWN
5. Is hearing loss in lower frequencies or in higher frequencies? LOWER
6. Tinnitus? How bad? NO
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY---DISEASE FROM SEVERE EAR INFECTION CAUSING RIGHT EAR TO BECOME NEARLY DEAF
8. Evaluate your Smith-related parent's hearing: FATHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing MOTHER, NORMAL
10. Evaluate your siblings' hearing: 1 FEMALE, NORMAL HEARING
11. N/ A
12. N/ A
13. N/ A
14. Hearing aids? NO
15. N/ A
16. N/ A
17. N/ A
18. N/ A
19. Which ear has better hearing? LEFT
20. Right or left-handed? LEFT
21. Describe your handwriting? FAIR
22. Your occupation? STUDENT
23. Did hearing loss influence career choice? N/A
24. How do you cope with the hearing problem? SAY "HUH?" A LOT
25. Personal comments? FEELS LIKE BUBBLE IN MY EAR AND I CAN'T POP IT

AUTHOR'S COMMENTS---AERON L, G6

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Serious
 - b) Family history---Sixth consecutive generation with hearing loss
 - c) Siblings---0 with reported hearing loss, 0 with no reported hearing loss
 - d) Offspring---None
 - e) Tinnitus---No
 - f) Hearing aids---No
 - g) Audiogram--- None available
 - h) Other---90% loss on sense of balance test---#5 indicates DFNA1 pattern
2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM--- MARION---SUE---FLOYD---AERON]
 - b) See Frank S, G1--- Tom S, G2---Marion M, G3---Sue P, G4--- Floyd L, G5
3. Other reported causes: Disease
4. Possible diagnosis:
 - a) Hereditary hearing loss
 - b) Disease-related hearing loss

UNIT 22 FACT SHEET #2

ALLISON M, G6, AGE 14 [FRANK---TOM---OLA---WES---CORY---ALLISON]

1. Audiogram submitted? YES
2. Describe hearing loss: MODERATE LOSS
3. At what age did hearing loss begin? AT BIRTH
4. Has it increased over the years? SOMEWHAT
5. Is hearing loss in lower frequencies or in higher frequencies? LOWER
6. Tinnitus? How bad? SOMETIMES
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY
8. Evaluate your Smith-related parent's hearing: MOTHER, SEVERE LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL
10. Evaluate your siblings' hearing: 2 WITH NORMAL HEARING
11. N/ A
12. N/ A
13. N/ A

14. Hearing aids? NO
15. N/ A
16. N/ A
17. N/ A
18. N/A
19. Which ear has better hearing? RIGHT IS SLIGHTLY BETTER
20. Right or left-handed? RIGHT
21. Describe your handwriting? FAIR
22. Your occupation? STUDENT IN SCHOOL
23. Did hearing loss influence career choice? N/A
24. How do you cope with the hearing problem? TRY HARDER, PAY ATTENTION. ASK MALES TO SPEAK LOUDER.
25. Personal comments? NO

AUTHOR'S COMMENTS---ALLISON M, G6

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Moderate
 - b) Family history---Sixth consecutive generation with hearing loss
 - c) Siblings— 0 with reported hearing loss, 2 with no reported hearing loss
 - d) Offspring--None
 - e) Tinnitus---Sometimes
 - f) Hearing aids---No
 - g) Audiogram---Shows 3% loss, DFNA1 slope, cookie bite pattern, and 55 dB loss
2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---OLA---WES---CORY---ALLISON]
 - b) See Frank S, G1--- Tom S, G2---Ola M, G3---Wes B, G4---Cory M, G5
3. Other reported causes: None
4. Possible diagnosis: Hereditary hearing loss

UNIT 23 FACT SHEET #3

**ANGIE R, G5, AGE 28 AT DEATH [by proxy]
[FRANK---TOM---FRANCES---GLADYS---ANGIE]**

1. Audiogram submitted? NO

2. Describe hearing loss: MODERATE LOSS
3. At what age did hearing loss begin? BEFORE AGE 10
4. Has it increased over the years? SOMEWHAT
5. Is hearing loss in lower frequencies or in higher frequencies? LOWER
6. Tinnitus? How bad? UNKNOWN---PROBABLY NO
7. His hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY
8. Evaluate your Smith-related parent's hearing: MOTHER, SEVERE LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL
10. Evaluate your siblings' hearing: 1 NORMAL
11. Number of children with normal hearing? NO CHILDREN
12. N/A
13. N/A
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? UNKNOWN
20. Right or left-handed? LEFT
21. Describe your handwriting? POOR
22. Your occupation? DISABLED---DREW DISABILITY CHECK
23. Did hearing loss influence career choice? N/A
24. How do you cope with the hearing problem? EXPECTED SYMPATHY, UNDERSTANDING
25. Personal comments? DECEASED

AUTHOR'S COMMENTS---ANGIE R, G5

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Moderate
 - b) Family history---Fifth consecutive generation with hearing loss
 - c) Siblings—0 with reported hearing loss, 1 with no reported hearing loss
 - d) Offspring--None
 - e) Tinnitus---Not reported
 - f) Hearing aids---None
 - g) Audiogram---None available

- h) Other---#5 indicates DFNA1 pattern
- 2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---FRANCES---GLADYS---ANGIE]
 - b) See Frank S, G1--- Tom S G2---Frances R, G3---Gladys R, G4
- 3. Other reported causes: None
- 4. Possible diagnosis: Hereditary hearing loss

UNIT 24 FACT SHEET #4

BELLE R, G3, AGE 75 [by proxy] [FRANK---ERNEST---BELLE]

- 1. Audiogram submitted? NO
- 2. Describe hearing loss: MILD LOSS
- 3. At what age did hearing loss begin? UNKNOWN
- 4. Has it increased over the years? YES
- 5. Is hearing loss in lower frequencies or in higher frequencies? NOT KNOWN
- 6. Tinnitus? How bad? NOT KNOWN
- 7. Is hearing loss related to heredity, injury, disease, or old age? Explain: PROBABLY HEREDITY
- 8. Evaluate your Smith-related parent's hearing: FATHER, MODERATE LOSS
- 9. Evaluate your non-Smith related parent's hearing: MOTHER, NORMAL HEARING
- 10. Evaluate your siblings' hearing: 1MODERATE LOSS--- 2 NORMAL HEARING
- 11. Number of children with normal hearing? THREE
- 12. Enumerate/evaluate your children with hearing loss. 1 MODERATE LOSS
- 13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL HEARING
- 14. Hearing aids? NO
- 15. N/A
- 16. N/A
- 17. N/A
- 18. N/A
- 19. Which ear has better hearing? UNKNOWN

- 20. Right or left-handed? RIGHT
- 21. Describe your handwriting? FAIR
- 22. Your occupation? RETIRED---HOUSEWIFE
- 23. Did hearing loss influence career choice? UNKNOWN
- 24. How do you cope with the hearing problem? IGNORE IT
- 25. Personal comments? NO

AUTHOR'S COMMENTS---BELLE R, G3

- 1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss--- Mild
 - b) Family history---Third consecutive generation with hearing loss
 - c) Siblings---1 with reported hearing loss, 2 with no reported hearing loss
 - d) Offspring---1 with reported hearing loss, 3 with no reported hearing loss
 - e) Tinnitus---None reported
 - f) Hearing aids---No
 - g) Audiogram---None available
- 2. Consecutive chain of hearing loss:
 - a) [FRANK---ERNEST---BELLE]
 - b) See Frank S, G1---ERNEST S, G2
- 3. Other reported causes: Age
- 4. Possible diagnosis:
 - a) Hereditary hearing loss
 - b) Age-related hearing loss

UNIT 25 FACT SHEET #5

BETTY G, G3, AGE 82 AT DEATH [by proxy] [FRANK---JULIA---BETTY]

- 1. Audiogram submitted? NO
- 2. Describe hearing loss: SEVERE LOSS
- 3. At what age did hearing loss begin? 30s
- 4. Has it increased over the years? YES
- 5. Is hearing loss in lower frequencies or in higher frequencies? STARTED IN THE LOWER BUT LOST HIGHER RANGES WITH AGE.
- 6. Tinnitus? How bad? SOME

7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY + AGE + INJURY---WAS A RIVETER DURING WW II.
8. Evaluate your Smith-related parent's hearing: MOTHER, MODERATE LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL
10. Evaluate your siblings' hearing: 1 NORMAL HEARING---2 MODERATE HEARING LOSS
11. Number of children with normal hearing? 1 NORMAL
12. Enumerate/evaluate your children with hearing loss? 1 SERIOUS LOSS
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL
14. Hearing aids? YES
15. One ear or both ears? BOTH
16. Do they help? SOMEWHAT
17. Age when first fitted with hearing aids? AROUND 50
18. Type of aids? BTE, ITE, ITC, CIC? HAD 2 KINDS---ITE AND BTE---BTE WORKED BETTER.
19. Which ear has better hearing? LEFT
20. Right or left-handed? RIGHT
21. Describe your handwriting? GOOD
22. Your occupation? HOUSEWIFE
23. Did hearing loss influence career choice? NO
24. How do you cope with the hearing problem? HEARING AIDS AND READING LIPS
25. Personal comments? NO

AUTHOR'S COMMENTS---BETTY G, G3

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Severe
 - b) Family history---Third consecutive generation with hearing loss
 - c) Siblings---2 with reported hearing loss, 1 with no reported hearing loss
 - d) Offspring---1 with reported hearing loss, 1 with no reported hearing loss
 - e) Tinnitus---Some
 - f) Hearing aids---2, BTE
 - g) Audiogram---None available
 - h) Other---#5 indicates DFNA1 pattern
2. Consecutive chain of hearing loss:
 - a) [FRANK---JULIA---BETTY]
 - b) See Frank S, G1---Julia B, G2
3. Other reported causes: Loud noise, age
4. Possible diagnosis:

- a) Hereditary hearing loss
- b) Injury-related hearing loss
- c) Age-related hearing loss

UNIT 26 FACT SHEET #6

BOB R, G4, AGE 65
[FRANK---TOM---FRANCES---BOB]

1. Audiogram submitted? YES
2. Describe hearing loss: SEVERE LOSS
3. At what age did hearing loss begin? 1953---AGE 11
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? LOWER
6. Tinnitus? How bad? YES. TERRIBLE
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY + INJURY + AGE
8. Evaluate your Smith-related parent's hearing: MOTHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL HEARING
10. Evaluate your siblings' hearing: 3 SEVERE LOSS
11. Number of children with normal hearing? NONE
12. Evaluate/enumerate your children with hearing loss. ONE MILD LOSS
13. Evaluate the hearing of the non-Smith parent of your children. MOTHER, NORML HEARING
14. Hearing aids? YES
15. One ear or both ears? ONE
16. Do they help? GREATLY
17. Age when first fitted with hearing aids? AGE 27
18. Type of aids? BTE, ITE, ITC, CIC?BTE
19. Which ear has better hearing? LEFT
20. Right or left-handed? RIGHT
21. Describe your handwriting? READABLE
22. Your occupation? HOUSE DESIGNER, DREW HOUSE PLANS, RETIRED
23. Did hearing loss influence career choice? YES

24. How do you cope with the hearing problem? AVOID PEOPLE. I HAVE BECOME RECLUSIVE.

25. Personal comments? NO

AUTHOR'S COMMENTS---BOB R, G4

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Severe
 - b) Family history---Fourth consecutive generation with hearing loss
 - c) Siblings---3 with reported hearing loss, 0 with no reported hearing loss
 - d) Offspring---1 with reported hearing loss, 0 with no reported hearing loss
 - e) Tinnitus---Severe
 - f) Hearing aids---1 BTE
 - g) Audiogram---Shows 57% loss, DFNA1 slope, cookie bite pattern, and 85 dB hearing loss
 - h) Other---#5 indicates DFNA1 pattern
2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---FRANCES---BOB]
 - b) See Frank S, G1---Tom S, G2---Frances R, G3
3. Other reported causes: Loud noises, underwater work as Navy Seal, age
4. Possible diagnosis:
 - a) Hereditary hearing loss
 - b) Injury-related hearing loss
 - c) Age-related hearing loss

UNIT 27 FACT SHEET #7

BRAD B, G5, AGE 46 [FRANK---TOM---OLA---WES---BRAD]

1. Audiogram submitted? NO
2. Describe hearing loss: MODERATE LOSS
3. At what age did hearing loss begin? TEENS
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? YES
7. Is hearing loss related to heredity, injury, disease, or old age? Explain. INJURY---LOUD ROCK AND ROLL MUSIC---
WORKING WITH HEAVY CONSTRUCTION EQUIPMENT FOR 30 YEARS
8. Evaluate your Smith-related parent's hearing: FATHER, SEVERE LOSS
9. Evaluate your non-Smith related parent's hearing: MOTHER, NORMAL

10. Evaluate your siblings' hearing. 1 NORMAL---1 SEVERE LOSS ---1 MODERATE LOSS
11. Number of children with normal hearing? 1
12. Enumerate/evaluate your children with hearing loss 0
13. Evaluate the hearing of the Non-Smith parent of your children. MOTHER, NORMAL
14. Hearing aids? NO
15. N/ A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? RIGHT EAR---LEFT EAR IS MUCH WORSE
20. Right or left-handed? RIGHT
21. Describe your handwriting? FAIR
22. Your occupation? 30 YEARS IN CONSTRUCTION
23. Did hearing loss influence career choice? NO
24. How do you cope with the hearing problem? LIVE WITH IT
25. Personal comments? Yes-- I truthfully think that my hearing loss is due to loud tools and music more than anything else. You would not believe the hours I've spent with a 90-pound jackhammer, heavy equipment, & nail guns. Dad will confirm that I did heavy gnarly work in the trades. I feel that I was taken advantage of due to my size. I am well into my 40s and feel blessed to have lasted that long.

AUTHOR'S COMMENTS---BRAD B, G5

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Moderate
 - b) Family history---Fifth consecutive generation with hearing loss
 - c) Siblings---2 with reported hearing loss, 1 with no reported hearing loss
 - d) Offspring---0 with reported hearing loss, 1 with no reported hearing loss
 - e) Tinnitus--- Yes
 - f) Hearing aids---None
 - g) Audiogram---None available
2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---OLA---WES---BRAD]
 - b) See Frank S, G1--- Tom S, G2---Ola M, G3---Wes B, G4
3. Other reported causes: Loud noises
4. Possible diagnosis:
 - a) Injury-related hearing loss

b) Hereditary hearing loss

UNIT 28 FACT SHEET #8

CHERYL M, G4, AGE 61
[FRANK---JULIA---BETTY---CHERYL]

1. Audiogram submitted? YES
2. Describe hearing loss: SERIOUS LOSS
3. At what age did hearing loss begin? 40s
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? LOWER
6. Tinnitus? How bad? YES—A LITTLE BIT
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY
8. Evaluate your Smith-related parent's hearing: MOTHER: SEVERE LOSS---PRACTICALLY DEAF THE LAST FEW YEARS OF HER LIFE.
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL
10. Evaluate your siblings' hearing: 1 NORMAL HEARING
11. Number of children with normal hearing? 1
12. Enumerate/evaluate your children with hearing loss? 1, MILD HEARING LOSS.
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL
14. Hearing aids? YES
15. One ear or both ears? BOTH
16. Do they help? YES
17. Age when first fitted with hearing aids? 60
18. Type of aids? BTE, ITE, ITC, CIC? BTE
19. Which ear has better hearing? RIGHT
20. Right or left-handed? RIGHT
21. Describe your handwriting? EXCELLENT
22. Your occupation? RETIRED BEHAVIORAL PSYCHOLOGIST
23. Did hearing loss influence career choice? NO
24. How do you cope with the hearing problem? HEARING AIDS, HUMOR

25. Personal comments? NO

AUTHOR'S COMMENTS---CHERYL M, G4

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss--- Serious
 - b) Family history---Fourth consecutive generation with hearing loss
 - c) Siblings---0 with reported hearing loss, 1 with no reported hearing loss
 - d) Offspring---1 with reported hearing loss, 1 with no reported hearing loss
 - e) Tinnitus---Some
 - f) Hearing aids---Yes, 2 BTE
 - g) Audiogram---Shows 19% loss, DFNA1 slope, cookie bite pattern, and 70 dB loss
 - h) Other---Bat squeaks---#5 indicates DFNA1 pattern

2. Consecutive chain of hearing loss:
 - a) [FRANK---JULIA---BETTY---CHERYL]
 - b) See Frank S, G1---Julia B, G2---Betty G, G3

3. Other reported causes: None

4. Possible diagnosis: Hereditary hearing loss

UNIT 29 FACT SHEET #9

CLEMENT S, G6, AGE 23 [FRANK---TOM---OLA---IRENE---NORA---CLEMENT]

1. Audiogram submitted? NO

2. Describe hearing loss: SEVERE LOSS

3. At what age did hearing loss begin? AROUND THE TIME I WAS LEARNING TO SPEAK IS WHEN IT WAS FIRST NOTICED.

4. Has it increased over the years? YES, IT IS PROGRESSING.

5. Is hearing loss in lower frequencies or in higher frequencies? LOWER

6. Tinnitus? How bad? NO

7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY

8. Evaluate your Smith-related parent's hearing: MOTHER, MODERATE LOSS

9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL

10. Evaluate your siblings' hearing: 1 NORMAL HEARING---BUT HAS UNDERSIZE EAR CANALS

11. Number of children with normal hearing? NO CHILDREN

12. N/A
13. N/A
14. Hearing aids? YES
15. One ear or both ears? BOTH
16. Do they help? YES
17. Age when first fitted with hearing aids? AGE 19
18. Type of aids? BTE, ITE, ITC, CIC? ITC
19. Which ear has better hearing? LEFT
20. Right or left-handed? LEFT
21. Describe your handwriting? FAIR---DEPENDING ON MY MOOD
22. Your occupation? ANIMAL HEALTH CARE TECHNICIAN, ARTIST, MUSICIAN
23. Did hearing loss influence career choice? NO
24. How do you cope with the hearing problem? I ALWAYS HAVE HAD THE HEARING PROBLEM SO I AM RESIGNED TO IT.
25. Personal comments? YES My parents first noticed my hearing problem when I began to speak. I made up words for water, food, etc. This caused them to doubt my intelligence, so they got a doctor to check me out. He told them that i had severe hearing problems. I also had horrible ear infections as a child; some were so bad that my ears would actually bleed. I did eventually pick up the English language but had a speech impediment till my 14th year. I still have a hard time hearing people and it affects my ability to communicate on the phone or in crowded situations. i am in a band, and i do quite well; however, since I can't hear I have to watch the hands of the other musicians constantly in order to know where we are in a song.

AUTHOR'S COMMENTS---CLEMENT S, G6

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Severe
 - b) Family history---Sixth consecutive generation with hearing loss
 - c) Siblings—0 with reported hearing loss, 1 with undersize ear canals, but no reported hearing loss
 - d) Offspring--None
 - e) Tinnitus---No
 - f) Hearing aids---Yes, 2 ITC
 - g) Audiogram---None available
 - h) Other---DFNA1 pattern indicated in answer # 5
2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---OLA---IRENE---NORA---CLEMENT
 - b) See Frank S, G1---Tom S, G2---Ola M, G3---Irene G, G4---Nora S,G5
3. Other reported causes: Severe ear infections
4. Possible diagnosis:

- a) Hereditary hearing loss
- b) Disease-related hearing loss

UNIT 30 FACT SHEET #10

CORY M, G5, AGE 49 [FRANK---TOM---OLA---WES---CORY]

1. Audiogram submitted? YES
2. Describe hearing loss: SEVERE LOSS
3. At what age did hearing loss begin? BIRTH
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? LOWER
6. Tinnitus? How bad? YES---ALWAYS---NOT TOO SEVERE---BOTH EARS
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY + INJURY--- PUNCTURED EAR DRUM
+ DISEASE: SEVERE EAR INFECTIONS + AGE-PROGRESSIVE LOSS.
8. Evaluate your Smith-related parent's hearing: FATHER, SEVERE LOSS
9. Evaluate your non-Smith related parent's hearing MOTHER, NORMAL
10. Evaluate your siblings' hearing: 2, MODERATE LOSS ---1 NORMAL HEARING
11. Number of children with normal hearing? TWO NORMAL
12. Enumerate/evaluate your children with hearing loss? 1 MODERATE LOSS
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL
14. Hearing aids? YES
15. One ear or both ears? BOTH
16. Do they help? QUITE A BIT
17. Age when first fitted with hearing aids? AGE 32---1991
18. Type of aids? BTE, ITE, ITC, CIC? BTE
19. Which ear has better hearing? LEFT SLIGHTLY BETTER
20. Right or left-handed? RIGHT
21. Describe your handwriting? FAIR
22. Your occupation? COOK, CHILDCARE CENTER, MOTHER, HOUSEWIFE

23. Did hearing loss influence career choice? YES---JOB CHOICES VERY LIMITED
24. How do you cope with the hearing problem? My friendships are limited---my schooling was difficult---i am somewhat
reclusive---my social life is awkward---my job choices are extremely limited.
25. Personal comments? NO

AUTHOR'S COMMENTS---CORY M, G5

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Severe
 - b) Family history---Fifth consecutive generation with hearing loss
 - c) Siblings---2 with reported hearing loss, 1 with no reported hearing loss
 - d) Offspring---1 with reported hearing loss, 2 with no reported hearing loss
 - e) Tinnitus---Moderate, both ears, continuous
 - f) Hearing aids---2 BTE
 - g) Audiogram---Shows 59% loss, DFNA1 slope, cookie bite pattern and 75 dB loss
 - h) Other---DFNA1 pattern indicated in #5
2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---OLA---WES---CORY]
 - b) See Frank S, G1---Tom S, G2---Ola M, G3---Wes B, G4
 - c)
3. Other reported causes: Injury, disease, age progressive
4. Possible diagnosis:
 - a) Hereditary hearing loss
 - b) Injury-related hearing loss
 - c) Disease-related hearing loss
 - d) Age-progressive hearing loss

UNIT 31 FACT SHEET #11

DAVID R, G5, AGE 44 [by proxy] [FRANK---TOM---FRANCES---KEN---DAVID]

1. Audiogram submitted? NO
2. Describe hearing loss: MODERATE LOSS
3. At what age did hearing loss begin? AFTER AGE 30
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? NOT KNOWN
6. Tinnitus? How bad? NOT KNOWN
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY

8. Evaluate your Smith-related parent's hearing: FATHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing MOTHER, NORMAL HEARING
10. Evaluate your siblings' hearing: 1 NORMAL HEARING
11. Number of children with normal hearing? NO CHILDREN
12. N/ A
13. N/A
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? UNKNOWN
20. Right or left-handed? RIGHT
21. Describe your handwriting? UNKNOWN
22. Your occupation? CHEF
23. Did hearing loss influence career choice? UNKNOWN
24. How do you cope with the hearing problem? IGNORE IT
25. Personal comments? NO

AUTHOR'S COMMENTS---DAVID R, G5

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss--- Moderate
 - b) Family history---Fifth consecutive generation with hearing loss
 - c) Siblings---0 with reported hearing loss, 1 with no reported hearing loss
 - d) Offspring---None
 - e) Tinnitus---Unknown
 - f) Hearing aids---No
 - g) Audiogram---None available
2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---FRANCES---KEN---DAVID]
 - b) See Frank S, G1--- Tom S, G2---Frances R, G3---Ken R, G4
3. Other reported causes: None
4. Possible diagnosis: Hereditary hearing loss

UNIT 32

FACT SHEET #12

ERNEST S, G2, AGE 78 AT DEATH [by proxy] [FRANK---ERNEST]

1. Audiogram submitted? NO
2. Describe hearing loss: MODERATE LOSS
3. At what age did hearing loss begin? MID LIFE
4. Has it increased over the years? YES
5. Is hearing loss worse in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? UNKNOWN
7. Is hearing loss related to heredity, injury, disease, or old age? PROBABLY HEREDITY + AGE
8. Evaluate your Smith-related parent's hearing: FATHER, SEVERE LOSS
9. Evaluate your non-Smith related parent's hearing: MOTHER, MODERATE LOSS
10. Evaluate your siblings' hearing: 1, SEVERE LOSS---2 SERIOUS LOSS---2 MODERATE LOSS---4 SIBLINGS DIED BEFORE AGE 6, HEARING EVALUATION UNKNOWN.
11. Number of children with normal hearing? 2
12. Enumerate/evaluate your children with hearing loss? 1 MODERATE LOSS---1 MILD LOSS
13. Evaluate the hearing of the Non-Smith parent of your children. MOTHER, NORMAL
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. N/A
20. Right or left-handed? PROBABLY RIGHT
21. Describe your handwriting? UNKNOWN
22. Your occupation? FARMER, RANCHER, TRUCK DRIVER
23. Did hearing loss influence career choice? PROBABLY NOT
24. How do you cope with the hearing problem? ANGER, DENIAL, AGGRESSION, FRUSTRATION
25. Personal comments? YES---HE NEEDED HEARING AIDS

AUTHOR'S COMMENTS---ERNEST S, G2

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss--- Moderate
 - b) Family history---Second generation with hearing loss
 - c) Siblings---5 with reported hearing loss, 0 with no reported hearing loss
 - d) Offspring---2 with reported hearing loss, 2 with no reported hearing loss
 - e) Tinnitus--- Unknown
 - f) Hearing aids---None
 - g) Audiogram---None available
 - h) Other---Both parents had reported hearing loss

2. Consecutive chain of hearing loss:
 - a) [FRANK---ERNEST]
 - b) See Frank S, G1

3. Other reported causes: Loud noise, age

4. Possible diagnosis:
 - a) Hereditary hearing loss
 - b) Age-related hearing loss
 - c) Injury-related hearing loss

UNIT 33 FACT SHEET #13

FLOYD L, G5, AGE 35[by proxy] [FRANK---TOM---MARION---SUE---FLOYD]

1. Audiogram submitted? NO

2. Describe hearing loss: SERIOUS LOSS

3. At what age did hearing loss begin? NORMAL AT BIRTH---LOSS NOTICED AFTER AGE 20

4. Has it increased over the years? YES

5. Is hearing loss worse in lower frequencies or in higher frequencies? LOWER

6. Tinnitus? How bad? YES---VERY BAD---BEGAN AT AGE 22

7. Is hearing loss related to heredity, injury, disease, or old age? HEREDITY

8. Evaluate your Smith-related parent's hearing: MOTHER, SEVERE HEARING LOSS

9. Evaluate your non-Smith related parent's hearing: FATHER, NORMAL HEARING

10. Evaluate your siblings' hearing: 1 FEMALE---NORMAL HEARING

11. Number of children with normal hearing? ONE

12. Enumerate/evaluate your children with hearing loss? 1 MALE, SERIOUS LOSS
13. Evaluate the hearing of the Non-Smith parent of your children. MOTHER, NORMAL HEARING
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. N/A
20. Right or left-handed? RIGHT
21. Describe your handwriting? FAIR
22. Your occupation? GLASS BLOWER
23. Did hearing loss influence career choice? NO
24. How do you cope with the hearing problem? JUST TELL PEOPLE I CAN'T HEAR THEM
25. Personal comments? NO

AUTHOR'S COMMENTS--- FLOYD L, G5

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Serious
 - b) Family history---Fifth consecutive generation with hearing loss
 - c) Siblings— 0 with reported hearing loss, 1 with no reported hearing loss
 - d) Offspring—1 with reported hearing loss, 1 with no reported hearing loss
 - e) Tinnitus---Yes---very bad
 - f) Hearing aids---None
 - g) Audiogram---None available
 - h) Other--- 90% loss on sense of balance test---#5 indicates DFNA1 pattern
2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---MARION---SUE---FLOYD]
 - b) See Frank S, G1, Tom S, G2, Marion M, G3, Sue P, G4
3. Other reported causes: None
4. Possible diagnosis: Hereditary hearing loss

UNIT 34 FACT SHEET #14

FRANCES R, G3, AGE 71 AT DEATH [by proxy]

[FRANK---TOM---FRANCES]

1. Audiogram submitted? YES
2. Describe hearing loss: SERIOUS LOSS
3. At what age did hearing loss begin? PROBABLY EARLY TEENS OR YOUNGER
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? LOWER FREQUENCIES
6. Tinnitus? How bad? UNKNOWN
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY, INJURY, AGE
8. Evaluate your Smith-related parent's hearing: FATHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing: MOTHER, NORMAL
10. Evaluate your siblings' hearing: 2 NORMAL---3 SERIOUS LOSS.
11. Number of children with normal hearing? NONE
12. Enumerate/evaluate your children with hearing loss? 4 SEVERE LOSS
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, MODERATE LOSS
14. Hearing aids? YES
15. One ear or both ears? BOTH
16. Do they help? YES
17. Age when first fitted with hearing aids? ABOUT AGE 52
18. Type of aids? BTE, ITE, ITC, CIC? ITE
19. Which ear has better hearing? RIGHT
20. Right or left-handed? RIGHT
21. Describe your handwriting? GOOD
22. Your occupation? HOUSEWIFE, BEAUTICIAN, COOK , RETIRED
23. Did hearing loss influence career choice? YES
24. How do you cope with the hearing problem? IGNORE PEOPLE, ACT HUMBLE, PITIFUL
25. Personal comments? NO

AUTHOR'S COMMENTS---FRANCES R, G3

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Serious
 - b) Family history---Third consecutive generation of hearing loss
 - c) Siblings---3 with reported hearing loss, 2 with no reported hearing loss
 - d) Offspring---4 with reported hearing loss, 0 with no reported hearing loss

- e) Tinnitus---Unreported
 - f) Hearing aids---2 ITE
 - g) Audiogram---Shows 35% loss, DFNA1 slope, cookie bite pattern, and 65 dB loss
 - h) Other---Both Frances and her husband had a reported hearing loss---#5 indicates DFNA1 pattern
2. Continuous chain of hearing loss:
- a) [FRANK---TOM---FRANCES]
 - b) See Frank S, G1---Tom S, G2
3. Other reported causes: Age, loud noise
4. Possible diagnosis:
- a) Hereditary hearing loss
 - b) Age-related hearing loss
 - c) Injury-related hearing loss

UNIT 35

FACT SHEET #15

FRANK S, G1, AGE 56 AT DEATH [by proxy] [FRANK OUR MOST COMMON ANCESTOR]

1. Audiogram submitted? NO
2. Describe hearing loss: SEVERE LOSS
3. At what age did hearing loss begin? PROBABLY FROM BIRTH
4. Has it increased over the years? PROBABLY
5. Is hearing loss worse in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? UNKNOWN
7. Is hearing loss related to heredity, injury, disease, or old age? PROBABLY HEREDITY---INJURY---AGE
8. Evaluate the Smith-related parent's hearing: UNKNOWN
9. Evaluate the non-Smith related parent's hearing: UNKNOWN
10. Enumerate/evaluate your siblings' hearing: 1 MALE---NO LOSS REPORTED; HOWEVER, HE HAD NUMEROUS CHILDREN, GRANDCHILDREN, GREAT-GRANDCHILDREN, & GREAT-GREAT GRANDCHILDREN WITH REPORTED HEARING LOSS
11. Number of your children with normal hearing? NONE
12. Number of children with hearing loss? 1 SEVERE LOSS---3 SERIOUS LOSS---2 MODERATE LOSS
13. Evaluate the hearing of the Non-Smith parent of your children. WIFE: MODERATE LOSS
14. Hearing aids? NO---NOT YET INVENTED
15. N/A

- 16. N/A
- 17. N/A
- 18. N/A
- 19. Which ear has better hearing? UNKNOWN
- 20. Right or left-handed? PROBABLY RIGHT HANDED
- 21. Describe your handwriting? UNKNOWN
- 22. Your occupation? TEXAS RANGER, HOMESTEADER
- 23. Did hearing loss influence career choice? PROBABLY
- 24. How do you cope with the hearing problem? UNKNOWN—PROBABLY ACCEPTED IT AND TRIED TO LIVE WITH IT AS BEST HE COULD—PERHAPS ANGER, FRUSTRATION, AGGRESSION,
- 25. Personal comments? FRANK LIVED A HARD LIFE. LIFE WAS NOT GOOD TO FRANK.

AUTHOR’S COMMENTS---FRANK S, G1 [Most common ancestor]

- 1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss--- Severe
 - b) Family history---6 children, 9 grandchildren, 15 great grandchildren,8 great-great grandchildren, 6 great-great-great grandchildren known to have hearing loss
 - c) Siblings— 1 full sibling and 3 half siblings with unknown diagnosis
 - d) Offspring—6 with reported hearing loss---0 with no reported hearing loss
 - e) Tinnitus--- Unknown
 - f) Hearing aids---No
 - g) Audiogram---None available
 - h) Other---Both Frank and his wife had a reported hearing loss---they were cousins
 - i)
- 2. Consecutive chain of hearing loss: Unknown—one or both parents
- 3. Other reported causes: Injury from firearms possible, ear infections likely, age
- 4. Possible diagnosis:
 - a) Hereditary hearing loss
 - b) Injury-related hearing loss
 - c) Disease-related hearing loss
 - d) Age-related hearing loss

UNIT 36 FACT SHEET #16

**GLADYS R, G4, AGE 62 [by proxy]
[FRANK---TOM---FRANCES---GLADYS]**

1. Audiogram submitted? NO
2. Describe hearing loss: SEVERE LOSS
3. At what age did hearing loss begin? TEENS
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? LOWER
6. Tinnitus? How bad? YES----VERY LOUD SINCE FAILED COCHLEAR IMPLANT SURGERY
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY + INJURY-RELATED LOSS FROM COCHLEAR IMPLANT THAT FAILED TO WORK + AGE.
8. Evaluate your Smith-related parent's hearing: MOTHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL
10. Evaluate your siblings' hearing: 3, SEVERE LOSS
11. Number of children with normal hearing? 1 NORMAL HEARING
12. Enumerate/evaluate your children with hearing loss? 1, MODERATE LOSS
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL
14. Hearing aids? YES + COCHLEAR IMPLANT
15. One ear or both ears? BOTH
16. Do they help? AIDS, YES---COCHLEAR IMPLANT, NO
17. Age when first fitted with hearing aids? PROBABLY EARLY 40s
18. Type of aids? BTE, ITE, ITC, CIC? BTE + ITE
19. Which ear has better hearing? LEFT
20. Right or left-handed? RIGHT
21. Describe your handwriting? READABLE
22. Your occupation? SELF EMPLOYED---RETIRED
23. Did hearing loss influence career choice? PROBABLY
24. How do you cope with the hearing problem? WEAR HEARING AIDS, PAY ATTENTION
25. Personal Comments? NO

AUTHOR'S COMMENTS---GLADYS R, G4

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Severe
 - b) Family history---Fourth consecutive generation of hearing loss
 - c) Siblings---3 with reported hearing loss, 0 with no reported hearing loss
 - d) Offspring---1 with reported hearing loss, 1 with no reported hearing loss
 - e) Tinnitus---Severe---especially after cochlear implant

- f) Hearing aids---2 aids
 - g) Audiogram---None available
 - h) DFNA1 hearing slope indicated on question # 5 above
 - i) Undersize ear canals
 - j) Other---Bat squeaks---Both parents had reported hearing loss---#5 indicates DFNA1 pattern
2. Consecutive chain of hearing loss:
- a. [FRANK---TOM---FANCES---GLADYS]
 - b. See Frank S, G1--- Tom S, G2, Frances R, G3
3. Other reported causes: Age, failed cochlear implant
4. Possible diagnosis:
- a) Hereditary hearing loss
 - b) Age-related hearing loss
 - c) Injury-related hearing loss

UNIT 37 FACT SHEET #17

GRANT R, G6, AGE 7 [by proxy] [FRANK---ERNEST---ADA---BRAD---CHELSEA---GRANT]

- 1. Audiogram submitted? NO
- 2. Describe hearing loss: MODERATE LOSS
- 3. At what age did hearing loss begin? EARLY
- 4. Has it increased over the years? YES
- 5. Is hearing loss in lower frequencies or in higher frequencies? UNKNOWN
- 6. Tinnitus? How bad? NOT LIKELY
- 7. Is hearing loss related to heredity, injury, disease, or old age? DISEASE---TUBES IN EARS
- 8. Evaluate your Smith-related parent's hearing: MOTHER, NORMAL
- 9. Evaluate your non-Smith related parent's hearing: FATHER, NORMAL
- 10. Evaluate your siblings' hearing: ALL NORMAL
- 11. Number of children with normal hearing? NONE
- 12. N/A
- 13. N/A
- 14. Hearing aids? NO
- 15. N/A
- 16. N/A
- 17. N/A

- 18. N/A
- 19. Which ear has better hearing? UNKNOWN
- 20. Right or left-handed? UNKNOWN
- 21. Describe your handwriting? UNKNOWN
- 22. Your occupation? GRADE SCHOOL
- 23. Did hearing loss influence career choice? N/A
- 24. How do you cope with the hearing problem? TUBES IN EARS AND ANTIBIOTICS
- 25. Personal comments? NO

AUTHOR'S COMMENTS---GRANT R, G6

- 1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss--Moderate-
 - b) Family history---Great-great grandfather & great-great-great grandfather with hearing loss
 - c) Siblings— 0 with reported hearing loss, 2 with no reported hearing loss
 - d) Offspring--None
 - e) Tinnitus---Unknown
 - f) Hearing aids---No
 - g) Audiogram---None available
- 2. Consecutive chain of hearing loss:
 - a) [FRANK---ERNEST---(skip 3 generations)---GRANT]
 - b) See Frank S, G1--- Ernest S, G2
- 3. Other reported causes: Tubes in ears, ear infections
- 4. Possible diagnosis:
 - a) Disease-related hearing loss
 - b) Injury-related hearing loss
 - c) Spontaneous mutation hearing loss
 - d) Hereditary hearing loss from non-Smith side of family

UNIT 38 FACT SHEET #18

IRENE G, G4, AGE 68 [FRANK---TOM---OLA---IRENE]

- 1. Audiogram submitted? NO
- 2. Describe hearing loss: MODERATE LOSS
- 3. At what age did hearing loss begin? ABOUT 30

4. Has it increased over the years? SOME
5. Is hearing loss in lower frequencies or in higher frequencies? LOWER
6. Tinnitus? How bad? UNKNOWN
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY, DISEASE---BAD TONSILS/ADENOIDS
CAUSED INFECTIONS & HEARING PROBLEMS---ONE EAR CANAL UNDERSIZE
8. Evaluate your Smith-related parent's hearing: MOTHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL
10. Evaluate your siblings' hearing: 2 SEVERE LOSS-----1 NORMAL
11. Number of children with normal hearing? 1
12. Enumerate/evaluate your children with hearing loss? 1 MODERATE LOSS
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL
14. Hearing aids? YES---FOR WORK ONLY---NOT USED IN RETIREMENT
15. One ear or both ears? 1
16. Do they help? USED FOR WORK ONLY---NOW RETIRED---NO LONGER USING AID
17. Age when first fitted with hearing aids? ABOUT 35
18. Type of aids? BTE, ITE, ITC, CIC? BTE
19. Which ear has better hearing? RIGHT
20. Right or left-handed? RIGHT
21. Describe your handwriting? POOR
22. Your occupation? RETIRED FROM POST OFFICE
23. Did hearing loss influence career choice? NO
24. How do you cope with the hearing problem? LIVE WITH IT
25. Personal comments? NO

AUTHOR'S COMMENTS---IRENE G, G4

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Moderate
 - b) Family history---Fourth consecutive generation of hearing loss
 - c) Siblings---2 with reported hearing loss, 1 with no reported hearing loss
 - d) Offspring---1 with reported hearing loss, 1 with no reported hearing loss
 - e) Tinnitus---Unknown
 - f) Hearing aids---Used for work only
 - g) Audiogram---None available
 - h) Other---Bad tonsils/adenoids---One undersize ear canal---#5 indicates DFNA1 pattern

2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---OLA---IRENE]
 - b) See Frank S, G1--- Tom S, G2---Ola M, G3
3. Other reported causes: Ear infections during childhood, age
4. Possible diagnosis:
 - a) Hereditary hearing loss
 - b) Disease-related hearing loss
 - c) Age-related hearing loss

UNIT 39 FACT SHEET #19

JAMES S, G2, AGE 28 AT DEATH [by proxy] [FRANK---JAMES]

1. Audiogram submitted? NO
2. Describe hearing loss: SEVERE
3. At what age did hearing loss begin? MOST LIKELY AT BIRTH
4. Has it increased over the years? PROBABLY
5. Is hearing loss worse in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? UNKNOWN
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY
8. Evaluate your Smith-related parent's hearing: FATHER: SEVERE HEARING LOSS
9. Evaluate your non-Smith related parent's hearing: MOTHER: MODERATE HEARING LOSS
10. Evaluate your siblings' hearing: 3 SERIOUS LOSS---2 MODERATE LOSS--- 4 SIBLINGS DIED YOUNG, HEARING EVALUATIONS UNKNOWN.
11. Number of your children with normal hearing? NO CHILDREN
12. N/A
13. N/A
14. Hearing aids? NO---NOT INVENTED
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? UNKNOWN

- 20. Right or left-handed? UNKNOWN
- 21. Describe your handwriting? UNKNOWN
- 22. Your occupation? HOMESTEADER, FARMER
- 23. Did hearing loss influence career choice? UNDOUBTEDLY LIMITED IT GREATLY
- 24. How do you cope with the hearing problem? HUMBLE, RECLUSIVE, WITH DIFFICULTY. HIS DEATH WAS PROBABLY A DIRECT RESULT OF POOR HEARING.
- 25. Personal comments? NO

AUTHOR'S COMMENTS---JAMES S, G2

- 1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Severe
 - b) Family history---Second generation with hearing loss
 - c) Siblings---5 with reported hearing loss---0 with no reported hearing loss
 - d) Offspring---None
 - e) Tinnitus---Unknown
 - f) Hearing aids---No
 - g) Audiogram---None available
 - h) Other---Both parents had reported hearing loss
- 2. Consecutive chain of hearing loss:
 - a) [FRANK---JAMES]
 - b) See Frank S, G1
- 3. Other reported causes: None
- 4. Possible diagnosis: Hereditary hearing loss

UNIT 40 FACT SHEET #20

JAY M, G5, AGE 35 [by proxy]
[FRANK---JULIA---BETTY---CHERYL---JAY]
[

- 1. Audiogram submitted? NO
- 2. Describe hearing loss: MILD
- 3. At what age did hearing loss begin? AFTER 30
- 4. Has it increased over the years? YES
- 5. Is hearing loss in lower frequencies or in higher frequencies? LOWER

6. Tinnitus? How bad? NO
7. Is hearing loss related to heredity, injury, disease, or old age? HEREDITY
8. Evaluate your Smith-related parent's hearing: MOTHER, MODERATE LOSS—2 AIDS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL HEARING
10. Evaluate your siblings' hearing: 1 NORMAL HEARING
11. Number of children with normal hearing? TWO
12. Enumerate/evaluate your children with hearing loss NONE
13. Evaluate the hearing of the Non-Smith parent of your children. NORMAL
14. Hearing aids? NONE
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? RIGHT
20. Right or left-handed? RIGHT
21. Describe your handwriting? GOOD
22. Your occupation? AERONAUTICAL ENGINEER
23. Did hearing loss influence career choice? NO
24. How do you cope with the hearing problem? SO FAR NO BIG PROBLEM. ONLY SHOWED UP ON AUDIOGRAM AT TIME OF LEAVING AIR FORCE. UNTIL THEN HEARING LOSS HAD NOT EVEN BEEN NOTICED.
25. Personal comments? NO

AUTHOR'S COMMENTS---JAY M, G5

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Mild
 - b) Family history---Fifth consecutive generation of hearing loss
 - c) Siblings—0 with reported hearing loss, 1 with no reported hearing loss
 - d) Offspring—0 with reported hearing loss, 2 with no reported hearing loss
 - e) Tinnitus---Unknown
 - f) Hearing aids---No
 - g) Audiogram---Hearing loss not noticed until detected by audiogram
 - h) Other---#5 indicates DFNA1 pattern
2. Consecutive chain of hearing loss:
 - a) [FRANK---JULIA---BETTY---CHERYL---JAY]

b) See Frank S, G1---Julia, G2---Betty, G3---Cheryl, G4

3. Other reported causes: None

4. Possible diagnosis: Hereditary hearing loss

UNIT 41 FACT SHEET# 21

JIM B, G4, AGE 75 [FRANK---TOM---OLA---JIM]

1. Audiogram submitted? YES
2. Describe hearing loss: SERIOUS--- INJURY-RELATED LOSS
3. At what age did hearing loss begin? ABOUT AGE 32-36---PROLONGRD EXPOSURE TO WEAPONS BEING FIRED.
4. Has it increased over the years? YES [75---80 dB LOSS]
5. Is hearing loss in lower frequencies or in higher frequencies? HIGHER
6. Tinnitus? How bad? NO
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: INJURY-RELATED LOSS
[MILITARY]---PERHAPS SOME AGE-RELATED LOSS LATER
8. Evaluate your Smith-related parent's hearing: MOTHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL
10. Evaluate your siblings' hearing: 1, NORMAL---1 SEVERE LOSS---1 MODERTE LOSS
11. Number of children with normal hearing? THREE
12. Enumerate/evaluate your children with hearing loss? NONE
13. Evaluate the hearing of the Non-Smith parent of your children. MOTHER, NORMAL
14. Hearing aids? YES
15. One ear or both ears? BOTH
16. Do they help? YES---QUITE A BIT
17. Age when first fitted with hearing aids? 61
18. Type of aids? BTE, ITE, ITC, CIC?ITE
19. Which ear has better hearing? RIGHT SLIGHTLY BETTER
20. Right or left-handed? RIGHT
21. Describe your handwriting? AVERAGE

22. Your occupation? RETIRED TEACHER, RETIRED US ARMY
23. Did hearing loss influence career choice? NO
24. How do you cope with the hearing problem? BECAME RECLUSIVE---MUDDLE THROUGH WITH LOTS OF "PLEASE REPEATS".
25. Personal comments? I AM GRATEFUL THAT THE ARMY FURNISHES ME WITH GOOD HEARING AIDS.

AUTHOR'S COMMENTS---JIM B, G4

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Severe
 - b) Family history---Fourth consecutive generation of hearing loss
 - c) Siblings---2 with reported hearing loss---1 with no reported hearing loss
 - d) Offspring---0 with reported hearing loss, 3 with no reported hearing loss
 - e) Tinnitus---No
 - f) Hearing aids---2---ITC
 - g) Audiogram---Shows 80% loss, cookie bite pattern, and 80 dB loss
 - h) Other---100% loss on sense of balance test [see page 14]
2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---OLA---JIM]
 - b) See Frank S, G1--- Tom S, G2---Ola M, G3
 - c)
3. Other reported causes: 4 years of exposure to military artillery noise, age
4. Possible diagnosis:
 - a) Injury-related hearing loss
 - b) Hereditary hearing loss
 - c) Age-related hearing loss

UNIT 42

FACT SHEET #22

JOHN S, G3, AGE 70

[FRANK---ERNEST---JOHN]

1. Audiogram submitted? NO?
2. Describe hearing loss. MODERATE
3. At what age did hearing loss begin? 45
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? UNKNOWN

7. Is hearing loss related to heredity, injury, disease, or old age? COULD BE COMBINATION OF INJURY FROM FARMING, HEREDITY FROM FATHER, AND OLD AGE FROM BEING 70 YEARS OLD. EXACT CAUSE NOT KNOWN.
8. Evaluate your Smith-related parent's hearing: FATHER, MODERATE HEARING LOSS
9. Evaluate your non-Smith related parent's hearing MOTHER, NORMAL HEARING?
10. Evaluate your siblings' hearing: 2 NORMAL HEARING---1, MILD LOSS
11. Number of children with normal hearing? 4
12. Enumerate/evaluate your children with hearing loss? 0
13. Evaluate the hearing of the Non-Smith parent of your children. WIFE, NORMAL
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? UNKNOWN
20. Right or left-handed? UNKNOWN
21. Describe your handwriting. UNKNOWN
22. Your occupation? FARMER/RANCHER/DAIRY
23. Did hearing loss influence career choice? UNKNOWN
24. How do you cope with the hearing problem? IGNORE IT
25. Personal comments? NO

AUTHOR'S COMMENTS---JOHN S, G3

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss--- Moderate
 - b) Family history---Third consecutive generation of hearing loss
 - c) Siblings---1 with reported hearing loss, 2 with no reported hearing loss
 - d) Offspring---0 with reported hearing loss, 4 with no reported hearing loss
 - e) Tinnitus---Unknown
 - f) Hearing aids---No
 - g) Audiogram---None available
2. Consecutive chain of hearing loss:
 - a) [FRANK---ERNEST ---JOHN]
 - b) See Frank S, G1--- Ernest S, G2
3. Other reported causes: Loud noises from farm machinery
4. Possible diagnosis:

- a) Hereditary hearing loss
- b) Injury-related hearing loss

UNIT 43 FACT SHEET #23

JUDY B, G4, AGE 48 [FRANK---ROSIE---AMY---JUDY]

1. Audiogram submitted? YES
2. Describe hearing loss: MILD ACCORDING TO AUDIOGRAM, BUT MODERATE ACCORDING TO HOW I CAN ACTUALLY COMMUNICATE.
3. At what age did hearing loss begin? UNSURE
4. Has it increased over the years? UNSURE
5. Is hearing loss in lower frequencies or in higher frequencies? MIDDLE
6. Tinnitus? How bad? YES---CLICKING NOISES & VACUUM SUCKING SENSATION LIKE SEASHELL
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: UNSURE
8. Evaluate your Smith-related parent's hearing: MOTHER, NORMAL
9. Evaluate your non-Smith related parent's hearing FATHER, SRIIOUS LOSS
10. Evaluate your siblings' hearing: 1 MILD LOSS
11. N/A
12. N/A
13. N/A
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? AUDIOGRAM SHOWS RIGHT EAR SLIGHTLY BETTER
20. Right or left handed? RIGHT
21. Describe your handwriting. READABLE
22. Your occupation? ANIMAL CARE, PET SITTING, VETERINARIAN TECH. HAVE DEGREE IN ART THERAPY

23. Did hearing loss influence career choice? YES
24. How do you cope with the hearing problem? WATCHING BEHAVIOR, ASKING PEOPLE TO REPEAT, PRETENDING I KNOW WHAT'S BEING SAID & NODDING/SMILING. I'M LEARNING ASL.
25. Personal comments? I hope to see a specialist in large city this summer concerning dizziness due to inner ear problem, possible seizures.

AUTHOR'S COMMENTS---JUDY B, G4

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss--Mild
 - b) Family history---Grandmother & great grandfather had hearing loss
 - c) Siblings---1 with reported hearing loss, 0 with no reported hearing loss
 - d) Offspring--None
 - e) Tinnitus---Yes, left ear
 - f) Hearing aids---No
 - g) Audiogram---Shows <1% hearing loss, cookie bite pattern, and 40 dB hearing loss
 - h) Other---?% loss on sense of balance test---[see page 14] {results pending}
2. Consecutive chain of hearing loss:
 - a) [FRANK---ROSIE---skip 1 generation---JUDY]
 - b) See Frank S, G1---Rosie C, G3
 - c)
3. Other reported causes: Father has serious loss. Did mother have unnoticed mild hearing loss?
4. Possible diagnosis:
 - a) Hereditary hearing loss from non-Smith parent
 - b) Hereditary hearing loss from Smith parent
 - c) Spontaneous mutation
 - d) Disease-related hearing loss

UNIT 44 FACT SHEET #24

JULIA B, G2, AGE 75 AT DEATH [by proxy] [FRANK---JULIA]

1. Audiogram submitted? NO
2. Describe hearing loss: SERIOUS
3. At what age did hearing loss begin? 40s
4. Has it increased over the years? YES
5. Is hearing loss worse in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? UNKNOWN

7. Is hearing loss related to heredity, injury, disease, or old age? HEREDITY AND OLD AGE
8. Evaluate your Smith-related parent's hearing: FATHER, SEVERE LOSS
9. Evaluate your non-Smith related parent's hearing: MOTHER, MODERATE LOSS
10. Enumerate/evaluate your siblings' hearing: 1 SEVERE LOSS---3 SERIOUS LOSS---1 MODERATE LOSS---4 SIBLINGS
DIED PRIOR TO AGE 6, HEARING EVALUATION UNKNOWN.
11. Number of children with normal hearing? 1
12. Enumerate/evaluate your children with hearing loss? 2, MODERATE LOSS---1 SEVERE LOSS.
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? RIGHT
20. Right or left-handed? RIGHT
21. Describe your handwriting? EXCELLENT
22. Your occupation? HOUSEWIFE, MOTHER
23. Did hearing loss influence your career choice? N/A
24. How do you cope with the hearing problem? IGNORE IT
25. Personal comments? NO

AUTHOR'S COMMENTS---JULIA B, G2

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss--- Serious
 - b) Family history---Second generation of hearing loss
 - c) Siblings--- 5 with reported hearing loss---0 with no reported hearing loss
 - d) Offspring---3 with reported hearing loss---1 with no reported hearing loss
 - e) Tinnitus---Unknown
 - f) Hearing aids---No
 - g) Audiogram---None available
 - h) Other---Both parents had reported hearing loss
2. Consecutive chain of hearing loss:
 - a) [FRANK---JULIA]
 - b) See Frank S, G1
3. Other reported causes: Age

4. Possible diagnosis:
- a) Hereditary hearing loss
 - b) Age-related hearing loss

UNIT 45 FACT SHEET #25

KEN, G4, AGE 72 [FRANK---TOM---FRANCES---KEN]

1. Audiogram submitted? YES
2. Describe hearing loss. MODERATE
3. At what age did hearing loss begin? LATE TWENTIES
4. Has it increased over the years? YES
5. Is hearing loss worse in lower frequencies or in higher frequencies? LOWER
6. Tinnitus? How bad? YES. INTERMITTENT. WORSE IN TWENTIES
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY— PERHAPS SOME INJURY FROM GUNFIRE IN TWENTIES AND THIRTIES.
8. Evaluate your Smith-related parent's hearing: MOTHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing: FATHER, NORMAL
10. Evaluate your siblings' hearing: 3 SEVERE LOSS
11. Number of children with normal hearing? TWO
12. Enumerate/evaluate children with hearing loss? 1 MODERATE LOSS
13. Evaluate the hearing of the Non-Smith parent of your children. MOTHER, NORMAL
14. Hearing aids? YES
15. One ear or both ears? ONE IN LEFT EAR
16. Do they help? SOMEWHAT
17. Age when first fitted for hearing aids? AGE 61
18. Type of hearing aids? [BTE, ITE, ITC, CIC?] ITE
19. Which ear has better hearing? LEFT
20. Right or left-handed? RIGHT
21. Describe your handwriting? POOR

- 22. Your occupation? TEACHER
- 23. Did hearing loss influence career choice? NO COMMENT
- 24. How do you cope with the hearing problem? SAY "HUH?" A LOT.
- 25. Personal comments? NO

AUTHOR'S COMMENTS---KEN R, G4

- 1. Reported hereditary hearing loss syndromes:
 - a. Hearing loss---Severe
 - b. Family history---Fourth consecutive generation of hearing loss
 - c. Siblings---4 with reported hearing loss, 0 with no reported hearing loss
 - d. Offspring---1 with reported hearing loss, 1 with no reported hearing loss
 - e. Tinnitus---Yes---intermittent
 - f. Hearing aids---Yes---difficulty in adjusting to them
 - g. Audiogram---Shows 24% loss, cookie bite pattern, and 75 dB loss
 - h. Other---DFNA1 pattern indicated in #5
- 2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---FRANCES---KEN]
 - b) See Frank S, G1---Tom S, G2---Frances R, G3
- 3. Other reported causes: Injury from gunfire earlier in life
- 4. Possible diagnosis:
 - a) Hereditary hearing loss
 - b) Injury-related hearing loss

**UNIT 46
FACT SHEET #26**

LILLIAN M, G2, AGE 74 AT DEATH [by proxy]

[FRANK---LILLIAN]

- 1. Audiogram submitted? NO
- 2. Describe hearing loss: MODERATE
- 3. N/A
- 4. N/A
- 5. N/A
- 6. Tinnitus? How bad? UNKNOWN
- 7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY---AGE

8. Evaluate your Smith-related parent's hearing: FATHER, SEVERE LOSS
9. Evaluate your non-Smith related parent's hearing: MOTHER, MODERATE LOSS
10. Evaluate your siblings' hearing: 1, SEVERE LOSS---3, SERIOUS LOSS--- ---2, MODERATE LOSS---4 SIBLINGS DIED
PRIOR TO AGE 6, NO HEARING EVALUATION KNOWN
11. Number of children with normal hearing? NO OFFSPRING
12. N/A
13. N/A
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. N/A
20. Right or left-handed? PROBABLY RIGHT
21. Describe your handwriting? UNKNOWN---PROBABLY NICE
22. Your occupation? HOUSEWIFE
23. N/A
24. N/A
25. Personal comments? NO

AUTHOR'S COMMENTS---LILLIAN M, G2

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Moderate
 - b) Family history---Second generation with hearing loss
 - c) Siblings— 5 with reported hearing loss---0 with no reported hearing loss
 - d) Offspring--None
 - e) Tinnitus---Unknown
 - f) Hearing aids---No
 - g) Audiogram---None available
 - h) Other---Both parents had reported hearing loss
2. Consecutive chain of hearing loss:
 - a) [FRANK---LILLIAN]
 - b) See Frank S, G1
3. Other reported causes: Age
4. Possible diagnosis:

- a) Hereditary hearing loss
- b) Age-related hearing loss

UNIT 47 FACT SHEET #27

LUKE A, G6, AGE 6
[FRANK---ERNEST---ADA---CAROLYN---RODNEY---LUKE]

1. Audiogram submitted? YES
2. Describe hearing loss: SERIOUS LOSS
3. At what age did hearing loss begin? POSTLINGUAL
4. Has it increased over the years? NO
5. Is hearing loss in lower frequencies or in higher frequencies? ABOUT THE SAME
6. Tinnitus? How bad? YES----MODERATE---NOT ALL THE TIME
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: CURRENTLY UNKNOWN
8. Evaluate your Smith-related parent's hearing: FATHER: NORMAL
9. Evaluate your non-Smith related parent's hearing MOTHER: NORMAL
10. Evaluate your siblings' hearing: ONLY CHILD
11. N/A
12. N/A
13. N/A
14. Hearing aids? YES---NOT WORN ALL THE TIME
15. One ear or both ears? BOTH
16. Do they help? YES
17. Age when first fitted with hearing aids? 5
18. Type of aids? BTE, ITE, ITC, CIC? BTE
19. Which ear has better hearing? ABOUT THE SAME
20. Right or left-handed? RIGHT
21. Describe your handwriting? KINDERGARTEN AGE
22. Your occupation? KINDERGARTEN
23. Did hearing loss influence career choice? N/A

24. How do you cope with the hearing problem? HEARING AIDS

25. Personal comments? Luke gets around great and plays like any other kid. If he doesn't have his hearing aids on most kids don't know that he has a hearing loss.

AUTHOR'S COMMENTS---LUKE A, G6

1. Reported hereditary hearing loss syndromes:

- a) Hearing loss---Serious
- b) Family history---Great-great grandfather & great-great-great grandfather had hearing loss
- c) Siblings---Only child
- d) Offspring---None
- e) Tinnitus--- Yes, moderate, intermittent
- f) Hearing aids---Yes, 2 BTE
- g) Audiogram---Shows 29% loss, cookie bite pattern, and 65 dB loss

2. Consecutive chain of hearing loss:

- a) [FRANK---ERNEST---skip 3 generations---LUKE]
- b) See Frank S, G1---Ernest S, G2

3. Other reported causes: None

4. Possible diagnosis:

- a) Spontaneous mutation
- b) Hereditary hearing loss from non-Smith parent

UNIT 48 FACT SHEET #28

MARCUS W, G4, AGE 55 [FRANK---ERNEST---BELLE---MARCUS]

1. Audiogram submitted? NO

2. Describe hearing loss: MODERATE

3. At what age did hearing loss begin? MID 30s

4. Has it increased over the years? YES

5. Is hearing loss in lower frequencies or in higher frequencies? HIGHER

6. Tinnitus? How bad? NONE

7. Is hearing loss related to heredity, injury, disease, or old age? Explain: PRE-MARY SIMMS, WE USED TO THINK IT WAS FROM TOO MUCH SHOOTING.

8. Evaluate your Smith-related parent's hearing: MOTHER---MILD TO MODERATE LOSS
9. Evaluate your non-Smith related parent's hearing FATHER---MILD LOSS
10. Evaluate your siblings' hearing: 3 NORMAL HEARING
11. Number of children with normal hearing? 3 NORMAL HEARING
12. Enumerate/evaluate your children with hearing loss? NONE
13. Evaluate the hearing of the Non-Smith parent of your children. NORMAL
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? LEFT
20. Right or left-handed? RIGHT
21. Describe your handwriting? POOR TO FAIR
22. Your occupation? TELECOMMUNICATIONS
23. Did hearing loss influence career choice? NO
24. How do you cope with the hearing problem? I SAY "HUH" A LOT
25. Personal comments?? NO

AUTHOR'S COMMENTS---MARCUS W, G4

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Moderate
 - b) Family history---Fourth consecutive generation of hearing loss
 - c) Siblings---0 with reported hearing loss, 3 with no reported hearing loss
 - d) Offspring---0 with reported hearing loss, 3 with no reported hearing loss,
 - e) Tinnitus---No
 - f) Hearing aids---No
 - g) Audiogram---None available
2. Consecutive chain of hearing loss:
 - a) [FRANK---ERNEST---BELLE---MARCUS]
 - b) See Frank S, G1---Ernest S, G2---Belle R, G3
3. Other reported causes: Injury from shooting guns
4. Possible diagnosis:
 - a) Hereditary hearing loss
 - b) Injury-related hearing loss

UNIT 49 FACT SHEET #29

MARION M, G3, AGE 76 AT DEATH [by proxy]

[FRANK---TOM---MARION]

1. Audiogram submitted? NO
2. Describe hearing loss: SERIOUS
3. At what age did hearing loss begin? FROM BIRTH
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? UNKNOWN
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY PLUS AGE
8. Evaluate your Smith-related parent's hearing: FATHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing: MOTHER, NORMAL
10. Evaluate your siblings' hearing: UNKNOWN
11. Number of children with normal hearing? 1
12. Enumerate/evaluate your children with hearing loss? 1 SEVERE LOSS---1 INJURY RELATED LOSS---1 SERIOUS LOSS.
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL
14. Hearing aids? YES
15. One or both ears? ONE
16. Do they help? A LITTLE
17. Age when first fitted for hearing aids: LATE 60s
18. Type of aids: BTE
19. Which ear has better hearing? ONE EAR HAD BETTER HEARING—I DON'T KNOW WHICH ONE.
20. Right or left-handed? RIGHT
21. Describe your handwriting? GOOD
22. Your occupation? WAITRESS, CLERK, HOUSEWIFE, MOTHER [DECEASED]
23. Did hearing loss influence career choice? NO

24. How do you cope with the hearing problem? PAID ATTENTION, ASKED FOR REPEATS, WAS FRIENDLY, HAD A GOOD SENSE OF HUMOR, LATER HEARING AID
25. Personal comments? NO

AUTHOR'S COMMENTS---MARION M, G3

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Serious
 - b) Family history---Three consecutive generation of hearing loss
 - c) Siblings---3 with reported hearing loss---2 with no reported hearing loss
 - d) Offspring---4 with reported hearing loss symptoms, 0 with no reported hearing loss syndromes
 - e) Tinnitus---Unknown
 - f) Hearing aids---Yes, BTE
 - g) Audiogram---None available
2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---MARION]
 - b) See Frank S, G1---Tom, G2
3. Other reported causes: Age
4. Possible diagnosis:
 - a) Hereditary hearing loss
 - b) Age-related hearing loss

UNIT 50 FACT SHEET #30

MARY S, G4, AGE 70 [FRANK---TOM---FRANCES---MARY]

1. Audiogram submitted? YES
2. Describe hearing loss: SEVERE LOSS
3. At what age did hearing loss begin? BIRTH
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? LOWER
6. Tinnitus? How bad? YES---MODERATE---VERY ANNOYING
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: MOSTLY HEREDITY. AGE, + INJURY FROM LOUD NOISES, + HEAD TRAUMA AS A CHILD---UNDERSIZE EAR CANALS

8. Evaluate your Smith-related parent's hearing: MOTHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, MODERATE LOSS
10. Evaluate your siblings' hearing: 3 SEVERE LOSS
11. Number of children with normal hearing? 1
12. Enumerate/evaluate your children with hearing loss? NONE
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL
14. Hearing aids? YES
15. One ear or both ears? BOTH
16. Do they help? YES
17. Age when first fitted with hearing aids? 34
18. Type of aids? BTE, ITE, ITC, CIC? BTE---ITC---CURRENTLY CIC
19. Which ear has better hearing? LEFT
20. Right or left-handed? RIGHT
21. Describe your handwriting? POOR
22. Your occupation? SECRETARY, TEACHER, BEAUTICIAN, NURSE AIDE, RETIRED
23. Did hearing loss influence career choice? YES
24. How do you cope with the hearing problem? WEAR HEARING AIDS, PAY ATTENTION, WATCH BODY LANGUAGE, GUESS A LOT, ASK FOR NUMEROUS REPEATS, AND IF ALL ELSE FAILS, FAKE IT BY PRETENDING TO HEAR WHAT HAS BEEN SAID.
25. Personal comments? BOTH MY MOTHER AND FATHER HAD A HEARING LOSS---IS IT ANY WONDER THAT ALL 4 OF THEIR OFFSPRING HAVE A SEVERE HEARING LOSS?

AUTHOR'S COMMENTS---MARY S, G4

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Severe
 - b) Family history---Fourth consecutive generation of hearing loss
 - c) Siblings---3 with reported hearing loss, 0 with no reported hearing loss
 - d) Offspring---0 with reported hearing loss, 1 with no reported hearing loss
 - e) Tinnitus--- Yes, continuous & moderate---mainly in right ear
 - f) Hearing aids---Yes, 2 CIC
 - g) Audiogram---Shows 53% loss, DFNA1 slope, cookie bite pattern, and 80 dB loss
 - h) Other--- Bat squeaks--- 90% loss on sense of balance test--- Both parents had hearing loss---#5 indicates DFNA1 pattern
 - i)
2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---FRANCES---MARY]
 - b) See Frank S, G1---Tom, G2---Frances, G3
 - c)
3. Other reported causes: Age, loud noises, Head trauma--- Undersize ear canals

4. Possible diagnosis:
- a) Hereditary hearing loss
 - b) Age-related hearing loss
 - c) Injury-related hearing loss

UNIT 51 FACT SHEET #31

NANCY M, G4, AGE 54 [FRANK---ROSIE---AMY---NANCY]

1. Audiogram submitted? YES
2. Describe hearing loss: MILD LOSS
3. At what age did hearing loss begin? AFTER 50
4. Has it increased over the years? UNSURE
5. Is hearing loss in lower frequencies or in higher frequencies? LOW TONE LOSS IN LEFT EAR---MIDDLE TONE LOSS IN RIGHT EAR.
6. Tinnitus? How bad? NO
7. Is hearing loss related to heredity, injury, disease, or old age? Explain UNSURE
8. Evaluate your Smith-related parent's hearing. NORMAL
9. Evaluate your non-Smith related parent's hearing. : FATHER, SEVERE LOSS---CAUSED BY AIRCRAFT ENGINES
10. Evaluate your siblings' hearing: 1 MILD LOSS---ALTHOUGH MORE NOTICEABLE THAN MINE.
11. Number of children with normal hearing? 2
12. Enumerate/evaluate your children with hearing loss? NONE
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, MAJOR LOSS IN HIGH TONES CAUSED BY WORKPLACE NOISE
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? LEFT FOR CONVERSATION
20. Right or left-handed? RIGHT

- 21. Describe your handwriting? EXCELLENT
- 22. Your occupation? TEACHER
- 23. Did hearing loss influence career choice? NO
- 24. How do you cope with the hearing problem? ASK PEOPLE TO REPEAT WHAT THEY SAID.
- 25. Personal comments? NO

AUTHOR'S COMMENTS---NANCY M, G4

- 1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Mild
 - b) Family history---Grandmother & great grandfather had hearing loss
 - c) Siblings---1, with reported hearing loss, 0 with no reported hearing loss
 - d) Offspring---0 with reported hearing loss, 2 with no reported hearing loss
 - e) Tinnitus---No
 - f) Hearing aids---No
 - g) Audiogram---Shows <1% hearing loss, cookie bite pattern, with 45 dB loss
 - h) Other---67% loss on sense of balance test [See page 14]---#5 indicates DFNA1 pattern.
- 2. Consecutive chain of hearing loss:
 - a) [FRANK---ROSIE---skip one generation---NANCY]
 - b) See Frank S, G1---Rosie C, G3
- 3. Other reported causes: Father has serious loss. Did mother have unnoticed mild hearing loss?
- 4. Possible diagnosis:
 - a) Hereditary hearing loss from non-Smith parent
 - b) Hereditary hearing loss from Smith parent
 - c) Spontaneous mutation

UNIT 52 FACT SHEET #32

NORA S, G5, AGE 52 [FRANK---TOM---OLA---IRENE---NORA]

- 1. Audiogram submitted? NO
- 2. Describe hearing loss: MODERATE LOSS
- 3. At what age did hearing loss begin? EARLY IN LIFE
- 4. Has it increased over the years? YES
- 5. Is hearing loss in lower frequencies or in higher frequencies? LOWER
- 6. Tinnitus? How bad? UNKNOWN

7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY, DISEASE---BAD TONSILS/ADENOIDS
CAUSED DEAFNESS/INFECTIONS AS A TODDLER.
8. Evaluate your Smith-related parent's hearing: MOTHER, MODERATE LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL
10. Evaluate your siblings' hearing: 1 NORMAL HEARING WITH INNER EAR BALANCE PROBLEMS
11. Number of children with normal hearing? 1 WITH NORMAL HEARING WITH UNDERSIZE EAR CANALS
12. Enumerate/evaluate your children with hearing loss? 1 SEVERE LOSS
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? UNKNOWN
20. Right or left-handed? UNKNOWN
21. Describe your handwriting? UNKNOWN
22. Your occupation? ACCOUNTANT
23. Did hearing loss influence career choice? POSSIBLY
24. How do you cope with the hearing problem? UNKNOWN
25. Personal comments? NO

AUTHOR'S COMMENTS---NORA S, G5

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Moderate
 - b) Family history---Fifth consecutive generation of hearing loss
 - c) Siblings 0 with reported hearing loss , 1 with no reported hearing loss
 - d) Offspring—1 with reported hearing loss, 1 with reported undersize ear canals & no reported hearing loss
 - e) Tinnitus--- Unknown
 - f) Hearing aids---No
 - g) Audiogram---None available
 - h) Other---Bad tonsils/adenoids problem like mother had---#5 indicates DFNA1 pattern
 - i)
2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---OLA---IRENE---NORA]
 - b) See Frank S, G1---Tom S, G2---Ola M, G3---Irene G, G4
 - c)
3. Other reported causes: Ear infections as a child, tonsillitis

4. Possible diagnosis:

- a) Hereditary hearing loss
- b) Disease-related hearing loss

UNIT 53 FACT SHEET #33

OLA M, G3, AGE 86 AT DEATH [by proxy]
[FRANK---TOM---OLA]

1. Audiogram submitted? NO
2. Describe hearing loss: SERIOUS LOSS
3. At what age did hearing loss begin? PROBABLY EARLY
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? UNKNOWN
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY + OLD AGE + INJURY RELATED FROM CHILD ABUSE + PROBABLY DISEASE FROM EAR INFECTIONS.
8. Evaluate your Smith-related parent's hearing: FATHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing MOTHER, NORMAL
10. Evaluate your siblings' hearing: 2 NORMAL-----3 SERIOUS LOSS
11. Number of children with normal hearing? 1
12. Enumerate/evaluate your children with hearing loss? 2, SEVERE LOSS---1 , MODERATE LOSS
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL
14. Hearing aids? YES, BUT WOULD NOT WEAR THEM
15. One ear or both ears? UNKNOWN
16. Do they help? NO---SHE DID NOT WEAR THEM
17. Age when first fitted with hearing aids? PAST AGE 50
18. Type of aids? BTE, ITE, ITC, CIC? UNKNOWN---PROBABLY BTE
19. Which ear has better hearing? UNKNOWN
20. Right or left-handed? RIGHT
21. Describe your handwriting? VERY POOR
22. Your occupation? LAUNDRY, HOUSEWIFE, MOTHER

- 23. Did hearing loss influence career choice? PERHAPS
- 24. How do you cope with the hearing problem? JUST COPED AS BEST SHE COULD
- 25. Personal comments? Ola lived such a hard life that her hearing loss was probably no more than a minor problem.

AUTHOR’S COMMENTS---OLA M, G3

- 1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Serious
 - b) Family history---Third consecutive generation of hearing loss
 - c) Siblings—3 with reported hearing loss, 2 with no reported hearing loss
 - d) Offspring—3 with reported hearing loss, 1 with no reported hearing loss
 - e) Tinnitus---Unknown
 - f) Hearing aids---Yes---unused
 - g) Audiogram---None available
- 2. Consecutive chain of hearing loss:
 - a) [FRANK—TOM---OLA]
 - b) See Frank S, G1---Tom, G2
- 3. Other reported causes: Child abuse, age
- 4. Possible diagnosis:
 - a) Hereditary hearing loss
 - b) Age-related loss
 - c) Injury-related loss

UNIT 54 FACT SHEET #34

RANDY R, G5, AGE 43 [FRANK--- TOM---FRANCES---BOB---RANDY]

- 1. Audiogram submitted? YES
- 2. Describe hearing loss: MILD LOSS
- 3. At what age did hearing loss begin? 20s
- 4. Has it increased over the years? SLIGHTLY
- 5. Is hearing loss in lower frequencies or in higher frequencies? MORE IN HIGHER TONES
- 6. Tinnitus? How bad? VERY,VERY BAD
- 7. Is hearing loss related to heredity, injury, disease, or old age? Explain HEREDITY, INJURY
- 8. Evaluate your Smith-related parent’s hearing. FATHER, SEVERE LOSS

9. Evaluate your non-Smith related parent's hearing. MOTHER, NORMAL
10. Evaluate your siblings' hearing: UNKNOWN
11. Number of children with normal hearing? 3
12. Enumerate/evaluate your children with hearing loss? NONE
13. Evaluate the hearing of the Non-Smith parent of your children. MOTHER, NORMAL
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? ABOUT THE SAME
20. Right or left-handed? RIGHT
21. Describe your handwriting? POOR
22. Your occupation? MILITARY
23. Did hearing loss influence career choice? NO
24. How do you cope with the hearing problem? JUST SMILE A LOT AND PRETEND TO HEAR WHAT PEOPLE SAY
25. Personal comments? YES. Severe tinnitus to where it will wake me up at night. Background noise makes it extremely difficult for me to understand what people are saying. Impossible to understand people when radios, TVs, cars, air compressors are running.

AUTHOR'S COMMENTS---RANDY R, G5

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Mild
 - b) Family history---Fifth consecutive generation with hearing loss
 - c) Siblings---Only child
 - d) Offspring---0 with reported hearing loss, 3 with no reported hearing loss
 - e) Tinnitus---Severe
 - f) Hearing aids---No
 - g) Audiogram---Shows <1% hearing loss, cookie bite pattern, with 40 dB loss
 - h) Other---Vertigo---Nausea---90% loss on sense of balance test--- [see page 14]
2. Consecutive chain of hearing loss:
 - a) [FRANK---TOM---FRANCES---BOB---RANDY]-
 - b) See Frank S, G1---Tom S, G2---Frances R, G3---Bob R, G4
3. Other reported causes: Loud noises during military duty in Afghanistan
4. Possible diagnosis:
 - a) Hereditary hearing loss
 - b) Injury-related hearing loss

UNIT 55 FACT SHEET #35

ROBERT A, G5, AGE 42
[FRANK---ERNEST---ADA---CAROLYN---ROBERT]

1. Audiogram submitted? NO
2. Describe hearing loss: MODERATE LOSS
3. At what age did hearing loss begin? 20s
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? PROBABLY---UNKNOWN INTENSITY
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: INJURY DUE TO FARM EQUIPMENT AND SHOOTING
GUNS
8. Evaluate your Smith-related parent's hearing: MOTHER---NORMAL HEARING
9. Evaluate your non-Smith related parent's hearing FATHER--- NORMAL HEARING
10. Evaluate your siblings' hearing: 1 REPORTED AS NORMAL HEARING
11. Number of children with normal hearing? 2 NORMAL
12. Enumerate/evaluate your children with hearing loss? NONE
13. Evaluate the hearing of the Non-Smith parent of your children. MOTHER---NORMAL
14. Hearing aids? NO
15. One ear or both ears? N/A
16. Do they help? N/A
17. Age when first fitted with hearing aids? N/A
18. Type of aids? BTE, ITE, ITC, CIC? N/A
19. Which ear has better hearing? UNKNOWN
20. Right or left-handed? UNK NOWN
21. Describe your handwriting? UNK NOWN
22. Your occupation? FARMER
23. id hearing loss influence career choice? NO
24. How do you cope with the hearing problem? GRIN AND BEAR IT

25. Personal comments? NO

AUTHOR'S COMMENTS---ROBERT A, G5

1. Reported hereditary hearing loss syndromes:

- a) Hearing loss-- -Moderate
- b) Family history--- Great grandfather & great-great grandfather had hearing loss
- c) Siblings—0 with reported hearing loss, 1 with no reported hearing loss
- d) Offspring—0 with reported hearing loss, 2 with no reported hearing loss
- e) Tinnitus---Unknown
- f) Hearing aids--- none
- g) Audiogram---None available

2. Consecutive chain of hearing loss:

- a) [FRANK--- ERNEST---{ADA NORMAL}---{CAROLYN NORMAL}---ROBERT]
- b) See Frank S, G1---Ernest, G2

3. Other reported causes: Loud noise

4. Possible diagnosis:

- a) Injury-related hearing loss
- b) Hereditary hearing los/ Spontaneous mutation

UNIT 56 FACT SHEET #36

ROSA F, G3, AGE 83 [FRANK---ROSIE---ROSA]

- 1. Audiogram submitted? NO
- 2. Describe hearing loss: SERIOUS LOSS
- 3. At what age did hearing loss begin? ABOUT AGE 50
- 4. Has it increased over the years? YES
- 5. Is hearing loss in lower frequencies or in higher frequencies? UNKNOWN
- 6. Tinnitus? How bad? UNKNOWN
- 7. Is hearing loss related to heredity, injury, disease, or old age? AGE RELATED LOSS
- 8. Evaluate your Smith-related parent's hearing: MOTHER, SERIOUS LOSS
- 9. Evaluate your non-Smith related parent's hearing: FATHER, NORMAL HEARING
- 10. Evaluate your siblings' hearing: 3 NORMAL

11. Number of children with normal hearing? 3
12. Enumerate/evaluate your children with hearing loss. NONE
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL HEARING
14. Hearing aids? YES
15. One ear or both ears? BOTH
16. Do they help? YES---SOME
17. Age when first fitted with hearing aids. ABOUT 65
18. Type of aids. BTE
19. Which ear has better hearing? RIGHT
20. Right or left-handed? RIGHT
21. Describe your handwriting? GOOD
22. Your occupation? RETIRED SECRETARY
23. Did hearing loss influence career choice? NO
24. How do you cope with the hearing problem? HEARING AIDS
25. Personal comments? NO

AUTHOR'S COMMENTS---ROSA F, G3

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss--- Serious
 - b) Family history---Third consecutive generation of hearing loss
 - c) Siblings---0 with reported hearing loss, 3 with no reported hearing loss
 - d) Offspring---0 with reported hearing loss, 3 with no reported hearing loss
 - e) Tinnitus---Unknown
 - f) Hearing aids---Yes, both ears BTE
 - g) Audiogram---None available
 - h) Other---39% loss on sense of balance test--- [see page 14]
2. Consecutive chain of hearing loss:
 - a) [FRANK---ROSIE---ROSA]
 - b) See Frank S, G1---Rosie C, G2
3. Other reported causes: Age
4. Possible diagnosis:
 - a) Age-related hearing loss
 - b) Hereditary hearing loss

UNIT 57 FACT SHEET #37

ROSE H, G3, AGE 47 AT DEATH: [by proxy]

[FRANK---JULIA---ROSE]

1. Audiogram submitted? NO
2. Describe hearing loss: MODERATE
3. At what age did hearing loss begin? NOTICED AT ABOUT 40
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? UNKNOWN
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY
8. Evaluate your Smith-related parent's hearing: MOTHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing: FATHER, NORMAL
10. Evaluate your siblings' hearing: 1 MODERATE LOSS---1 SEVERE LOSS---1 NORMAL HEARING
11. Number of children with normal hearing? 3
12. Enumerate/evaluate your children with hearing loss? NONE
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? UNKNOWN
20. Right or left-handed? RIGHT
21. Describe your handwriting? EXCELLENT
22. Your occupation? HOUSEWIFE, MOTHER
23. Did hearing loss influence career choice? N/A
24. How do you cope with the hearing problem? N/A
25. Personal comments? NONE

AUTHOR'S COMMENTS---ROSE H, G3

1. Reported hereditary hearing loss syndromes:

- a) Hearing loss--- Moderate
- b) Family history---Third consecutive generation of hearing loss
- c) Siblings—2 with reported hearing loss, 1 with no reported hearing loss
- d) Offspring—0 with reported hearing loss, 3 with no reported hearing loss
- e) Tinnitus---Unknown
- f) Hearing aids---No
- g) Audiogram---None available

2. Consecutive chain of hearing loss:

- a) [FRANK—JULIE---ROSE]
- b) See Frank S, G1---Julia B, G2

3. Other reported causes: None

4. Possible diagnosis: Hereditary hearing loss

UNIT 58 FACT SHEET #38

ROSIE C, G2, AGE 78 AT DEATH [by proxy]

[FRANK---ROSIE]

1. Audiogram submitted? NO
2. Describe hearing loss: SERIOUS
3. At what age did hearing loss begin? ABOUT AGE 30
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or higher frequencies? UNKNOWN
6. Tinnitus---how bad? UNKNOWN
7. Is hearing loss related to heredity, injury, disease, or old age? HEREDITY---AGE
8. Evaluate your Smith-related parent's hearing: FATHER, SEVERE LOSS
9. Evaluate your non-Smith related parent's hearing MOTHER, MODERATE LOSS
10. Evaluate your siblings' hearing: 3 SERIOUS LOSS---1 SEVERE LOSS---1 MODERATE LOSS
11. Number of children with normal hearing ? 3
12. Enumerate/evaluate your children with hearing loss? 1 SERIOUS LOSS
13. Evaluate the hearing of the Non-Smith parent of your children. BOTH FATHERS HAD NORMAL HEARING
14. Hearing aids? NO
15. N/A
16. N/A

- 17. N/A
- 18. N/A
- 19. Which ear has better hearing? UNKNOWN
- 20. Right or left-handed? RIGHT
- 21. Describe your handwriting? VERY GOOD
- 22. Your occupation? WAITRESS, HOUSEWIFE, MOTHER
- 23. N/A
- 24. N/A
- 25. Personal comments? NO

AUTHOR'S COMMENTS---ROSIE C, G2

- 1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Serious
 - b) Family history---Second generation of hearing loss
 - c) Siblings---5 with reported hearing loss, 0 with no reported hearing loss
 - d) Offspring---1 with hearing loss, 3 with no reported hearing loss
 - e) Tinnitus---Unknown
 - f) Hearing aids---No
 - g) Audiogram---None available
 - h) Other---Both parents reported to have hearing loss
- 2. Consecutive chain of hearing loss:
 - a) [FRANK---ROSIE]
 - b) See Frank S, G1
- 3. Other reported causes: Age
- 4. Possible diagnosis:
 - a) Age-related hearing loss
 - b) Hereditary hearing los

**UNIT 59
FACT SHEET #39**

RUTH S, G6, AGE 27 [by proxy]

[FRANK---TOM---OLA---IRENE---NORA---RUTH]

- 1. Audiogram submitted? NO
- 2. Describe hearing loss: NORMAL HEARING---UNDERSIZE EAR CANALS

3. At what age did hearing loss begin? N/A
4. Has it increased over the years? UNKNOWN
5. Is hearing loss in lower frequencies or in higher frequencies? N/A
6. Tinnitus? How bad? UNKNOWN
7. Is syndrome related to heredity, injury, disease, or old age? Explain: HEREDITY
8. Evaluate your Smith-related parent's hearing: MOTHER, MODERATE LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL
10. Evaluate your siblings' hearing: 1 SEVERE LOSS.
11. Number of children with normal hearing? NO OFFSPRING
12. Enumerate/evaluate your children with hearing loss? NO OFFSPRING
13. Evaluate the hearing of the Non-Smith parent of your children. N/A
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? BOTH OK
20. Right or left-handed? RIGHT
21. Describe your handwriting? UNKNOWN
22. Your occupation? AIR FORCE PILOT
23. Did hearing loss influence career choice? NO
24. How do you cope with the syndrome? FLYING PLANES IN AIR FORCE ENDED DUE TO UNDERSIZE CANALS
25. Personal comments? NO

AUTHOR'S COMMENTS---RUTH S, G6

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Hearing reported as being normal
 - b) Family history--- Five prior generations with hearing loss--- some with undersized canals
 - c) Siblings---1 with reported hearing loss, 0 with no reported hearing loss
 - d) Offspring---None
 - e) Tinnitus--- No
 - f) Hearing aids---No
 - g) Audiogram---None available
 - h) Other---Undersize ear canals similar to mother and grandmother

2. Continuous chain of hearing loss:
 - a) [FRANK---TOM---OLA---IRENE---NORA]
 - b) See Frank, G1---Tom, G2---Ola, G3---Irene, G4---Nora, G5
3. Other reported causes: None
4. Possible diagnosis: Hereditary undersize ear canals

UNIT 60 FACT SHEET #40

SARAH S, G1, AGE 73 AT DEATH [by proxy] [WIFE OF FRANK S, G1]

1. Audiogram submitted? NO
2. Describe hearing loss: MODERATE LOSS ESTIMATED
3. N/A
4. N/A
5. N/A
6. Tinnitus? How bad? UNKNOWN
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: UNKNOWN
8. Evaluate your Smith-related parent's hearing: NO SMITH RELATED PARENT
9. Evaluate your non-Smith related parent's hearing: MOTHER, FATHER, HEARING UNKNOWN
10. Evaluate your siblings' hearing: UNKNOWN
11. Number of children with normal hearing? 0
12. Enumerate/evaluate your children with hearing loss? 1 SEVERE LOSS--- 3 SERIOUS LOSS---2 MODERATE LOSS---4
OFFSPRING DIED PRIOR TO AGE 6, HEARING STATUS UNKNOWN. [SEE JAMES S, TOM S, ERNEST S, JULIA B, ROSA C,
LILLIAN M,---G2]
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER , SEVERE LOSS
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. N/A

- 20. Right or left-handed? UNKNOWN
- 21. Describe your handwriting? UNKNOWN
- 22. Your occupation? HOMESTEADER'S WIFE, MOTHER
- 23. N/A
- 24. N/A
- 25. Personal comments? One person reported Sarah as having normal hearing---another person stated that she had terrible hearing.

AUTHOR'S COMMENTS---SARAH S, G1

- 1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Moderate
 - b) Family history---6 offspring---9 grandchildren---15 great grandchildren---8 great-great grandchildren---6 great-great-great grandchildren with reported hearing loss, 0 with no reported hearing loss
 - c) Siblings--Unknown hearing status
 - d) Offspring---6 with reported hearing loss--- 0 with normal hearing
 - e) Tinnitus---Unknown
 - f) Hearing aids---No
 - g) Audiogram---None available
 - h) Other---Both Sarah and her husband had a reported hearing loss
- 2. Continuous chain of hearing loss:
 - a) [FRANK] {Sarah }
 - b) See Frank, G1
- 3. Other reported causes: Age
- 4. Possible diagnosis:
 - a) Hereditary hearing loss from her non-Smith parents
 - b) Age-related hearing loss

UNIT 61 FACT SHEET #41

SHIRLEY B, G4, AGE 49 [by proxy]

[FRANK---TOM---MARION---SHIRLEY]

- 1. Audiogram submitted? NO
- 2. Describe hearing loss: MILD HEARING LOSS AT YOUNG AGE---OK NOW
- 3. At what age did hearing loss begin? QUITE EARLY ON
- 4. Has it increased over the years? UNKNOWN

5. Is hearing loss related to heredity, injury, disease, or old age? Explain: PROBABLY HEREDITY
6. Tinnitus? How bad? UNKNOWN PROBABLY NOT
7. Is hearing loss related to heredity, injury, disease, or old age? PROBABLY HEREDITY
8. Evaluate your Smith-related parent's hearing: MOTHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL
10. Evaluate your siblings' hearing: 1 SEVERE LOSS---1 INJURY-RELATED LOSS---1 MODERATE LOSS
11. Number of children with normal hearing? 2
12. Enumerate/evaluate your children with hearing loss? NONE
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? SAME
20. Right or left-handed? RIGHT
21. Describe your handwriting? FAIR
22. Your occupation? NURSE
23. Did hearing loss influence your career choice? NO
24. How do you cope with your hearing problem? LOSS IS MILD---IGNORE IT
25. Personal comments? NO

AUTHOR'S COMMENTS---SHIRLEY B, G4

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Reported as having some mild hearing loss as a child
 - b) Family history---Fourth consecutive generation of hearing loss
 - c) Siblings---3 with reported hearing loss--- 0 with no reported hearing loss
 - d) Offspring---0 with reported hearing loss, 2 with no reported hearing loss
 - e) Tinnitus--- Unknown
 - f) Hearing aids---No
 - g) Audiogram---None available
 - h) Other---Bat squeaks as child
2. Continuous chain of hearing loss syndromes:
 - a) [FRANK---TOM---MARION---SHIRLEY]
 - b) See Frank, G1---Tom, G2---Marion, G3

3. Other reported causes: None
4. Possible diagnosis: Hereditary hearing loss syndromes

UNIT 62 FACT SHEET #42

STAN M, G4, AGE 59 [FRANK---TOM---MARION---STAN]

1. Audiogram submitted? NO
2. Describe hearing loss: SEVERE LOSS
3. At what age did hearing loss begin? BIRTH
4. Has it increased over the years? YES—A LOT
5. Is hearing loss in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? YES—AT TIMES VERY BAD
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY
8. Evaluate your Smith-related parent's hearing: MOTHER, MODERATE LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL
10. Evaluate your siblings' hearing: 1 INJURY-RELATED LOSS---1 MILD LOSS--- 1 MODERATE LOSS.
11. Number of children with normal hearing? 1
12. Enumerate/evaluate your children with hearing loss? 0
13. Evaluate the hearing of the Non-Smith parent of your children. MOTHER, NORMAL
14. Hearing aids? YES
15. One ear or both ears? BOTH
16. Do they help? YES
17. Age when first fitted with hearing aids? UNKNOWN
18. Type of aids? BTE, ITE, ITC, CIC? 1 BTE---1 ITE
19. Which ear has better hearing? UNKNOWN
20. Right or left-handed? RIGHT
21. Describe your handwriting? FAIR
22. Your occupation? POWER LINEMAN
23. Did hearing loss influence career choice? YES

24. How do you cope with the hearing problem? WEAR HEARING AIDS
25. Personal comments? WOULD LIKE TO SEE RESULTS OF RESEARCH WHEN FINISHED

AUTHOR'S COMMENTS---STAN M, G4

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss--- Severe
 - b) Family history---Fourth consecutive generation of hearing loss
 - c) Siblings---3 with reported hearing loss, 0 with no reported hearing loss
 - d) Offspring---0 with reported hearing loss, 1 with no reported hearing loss
 - e) Tinnitus---Often severe
 - f) Hearing aids---2---1 BTE, 1 ITE
 - g) Audiogram---None available
2. Continuous chain of hearing loss:
 - a) [FRANK---TOM---MARION---STAN]
 - b) See Frank, G1---Tom, G2---Marion, G3
3. Other reported causes: Age
4. Possible diagnosis:
 - a) Hereditary hearing loss
 - b) Age related hearing loss

UNIT 63 FACT SHEET #43

STEVE M, G4, AGE 56 [FRANK---TOM---MARION---STEVE]

1. Audiogram submitted? NO
2. Describe hearing loss: MODERATE INJURY-RELATED LOSS
3. At what age did hearing loss begin? 1978 [AGE 28]
4. Has it increased over the years? NO
5. Is hearing loss in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? NO
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: INJURY-RELATED LOSS FROM LOUD NOISES
[MILITARY]
8. Evaluate your Smith-related parent's hearing: MOTHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing: FATHER, NORMAL HEARING

10. Evaluate your siblings' hearing: 1 MALE, SEVERE LOSS---1 FEMALE, MODERATE LOSS---1 FEMALE, MILD LOSS.
11. Number of children with normal hearing? 2
12. Enumerate/evaluate your children with hearing loss? 0
13. Evaluate the hearing of the Non-Smith parent of your children. MOTHER, NORMAL
14. Hearing aids? NO—NONE NEEDED
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? ABOUT THE SAME
20. Right or left-handed? RIGHT
21. Describe your handwriting? READABLE
22. Your occupation? CONSTRUCTION WORK
23. Did hearing loss influence career choice? NO
24. How do you cope with the hearing problem? JUST DO NOT THINK ABOUT IT
25. Personal comments? When people talk behind my back i sometimes miss what is said.

AUTHOR'S COMMENTS---STEVE M, G4

1. Reported hereditary hearing loss syndromes:
 - a. Hearing loss---Moderate
 - b. Family history---Fourth consecutive generation of hearing loss
 - c. Siblings—3 with reported hearing loss, 0 with no reported hearing loss
 - d. Offspring—0 with reported hearing loss, 2 with no reported hearing loss
 - e. Tinnitus---No
 - f. Hearing aids---No
 - g. Audiogram---None available
2. Continuous chain of hearing loss:
 - a) [FRANK---TOM---MARION---STEVE]
 - b) See Frank, G1---Tom, G2---Marion, G3
3. Other reported causes: Loud noises during military duty
4. Possible diagnosis:
 - a) Injury-related hearing loss
 - b) Hereditary hearing loss

UNIT 64

FACT SHEET #44

SUE P, G4, AGE 51

[FRANK---TOM---MARION---SUE]

1. Audiogram submitted? YES
2. Describe hearing loss: MODERATE LOSS
3. At what age did hearing loss begin? BIRTH
4. Has it increased over the years? YES---AT ABOUT AGE 45
5. Is hearing loss in lower frequencies or in higher frequencies? LOWER FREQUENCIES
6. Tinnitus? How bad? YES---INCREASED WITH AGE---AROUND GUNS, HEAVY EQUIPMENT, AND EXPLOSIVES AT YOUNG AGE. SOMETIMES TINNITUS IS SEVERE. OCEAN LIKE AND SIRENS. IN BOTH EARS.
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: MOSTLY HEREDITY---SOME INJURY. [NOISE]
8. Evaluate your Smith-related parent's hearing: MOTHER, MODERATE LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL
10. Evaluate your siblings' hearing: 1 MALE, SEVERE LOSS---1 MALE, INJURY-RELATED LOSS--1 FEMALE, MILD LOSS.
11. Number of children with normal hearing? 1 FEMALE
12. Enumerate/evaluate your children with hearing loss? 1 MALE
13. Evaluate the hearing of the Non-Smith parent of your children. FATHER, NORMAL
14. Hearing aids? NOT ANY MORE. I TRIED THEM YEARS AGO---THEY DID NOT HELP---TOO MUCH AMPLIFICATION IN HIGH NOTES. COULD NOT TOLERATE THEM. THEY MADE NOISES I COULD HEAR UNBEARABLY LOUD---STILL COULD NOT UNDERSTAND PEOPLE TALKING.
15. One ear or both ears? BOTH
16. Do they help? NOT AT ALL---MADE IT WORSE. TRIED TWO DIFFERENT TYPES.
17. Age when first fitted with hearing aids? DON'T REMEMBER
18. Type of aids? BTE & ITE
19. Which ear has better hearing? LEFT
20. Right or left-handed? RIGHT
21. Describe your handwriting? READABLE
22. Your occupation? VICTIM'S ADVOCATE FOR COUNTY SHERIFF'S OFFICE--- BOOKKEEPER---CLERK
23. Did hearing loss influence career choice? YES---NARROWED IT A LOT

24. How do you cope with the hearing problem? Just live with it as best I can. When first diagnosed, one of the things they did to me was electro-shock therapy. I was given a pill to cause amnesia, so I really don't remember the shocks, but I have an intense need to make people think I can hear them. It's been better since I found out about the shocks. I try to let them know I didn't hear, but I was 32 before I learned of this from mom. I do remember begging dad not to make me keep going to that audiologist and he finally put a stop to it as it wasn't helping.

25. Any personal comments? Yes

I was told by my audiologist years ago that since I had never been able to hear, I would likely not do well with hearing aids. They did make me terribly nervous, so I gave up on them.

AUTHOR'S COMMENTS---SUE P, G4

1. Reported hereditary hearing loss syndromes:

- a) Hearing loss---Severe
- b) Family history---Fourth consecutive generation of hearing loss
- c) Siblings---3 with reported hearing loss, 0 with no reported hearing loss
- d) Offspring---1 with reported hearing loss, 1 with no reported hearing loss
- e) Tinnitus---Severe, progressively worse with age
- f) Hearing aids---Tried twice---could not tolerate them
- g) Audiogram---Shows 44% loss, DFNA1 slope, cookie bite pattern, and 90 dB loss
- h) Other---Bat squeaks
- i) Other---90% loss on sense of balance test---#5 indicates DFNA1 pattern

2. Continuous chain of hearing loss:

- a) [FRANK---TOM---MARION---SUE]
- b) See Frank, G1---Tom, G2---Marion, G3

3. Other reported causes: Loud noises from explosives, age

4. Possible diagnosis:

- a) Hereditary hearing loss
- b) Injury-related hearing loss
- c) Age-related hearing loss

UNIT 65 FACT SHEET #45

TIL B, G3, AGE 70 [FRANK---JULIA---TIL]

- 1. Audiogram submitted? NO
- 2. Describe hearing loss: MODERATE
- 3. At what age did hearing loss begin? NOTICED AT ABOUT AGE 40

4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? NO
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY + SOME INJURY-RELATED LOSS
8. Evaluate your Smith-related parent's hearing: MOTHER, MODERATE LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL
10. Evaluate your siblings' hearing: 1 FEMALE, NORMAL---2 MODERATE LOSS
11. Number of children with normal hearing? 1
12. Enumerate/evaluate your children with hearing loss? 0
13. Evaluate the hearing of the Non-Smith parent of your children. MOTHER, NORMAL
14. Hearing aids? NO
15. N/A
16. N/A
17. N/A
18. N/A
19. Which ear has better hearing? RIGHT
20. Right or left-handed? RIGHT
21. Describe your handwriting? GOOD
22. Your occupation? TRUCK DRIVER, MECHANIC, OFFICE WORK
23. Did hearing loss influence career choice? NO
24. How do you cope with the hearing problem? I PAY MORE ATTENTION
25. Personal comments? NO

AUTHOR'S COMMENTS---TIL B, G3

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Moderate
 - b) Family history---Third consecutive generation with hearing loss
 - c) Siblings---2 with reported hearing loss, 1 with no reported hearing loss
 - d) Offspring---0 with reported hearing loss, 1 with no reported hearing loss
 - e) Tinnitus---No
 - f) Hearing aids---No
 - g) Audiogram---None available
2. Continuous chain of hearing loss:
 - a) [FRANK---JULIA---TIL]
 - b) See Frank, G1---Julia B, G2

3. Other reported causes: Age, loud noises

4. Possible diagnosis:

- a) Hereditary hearing loss
- b) Injury-related hearing loss
- c) Age-related hearing loss

UNIT 66 FACT SHEET #46

TOM S, G2, AGE 71 AT DEATH [by proxy]

[FRANK---TOM]

1. Audiogram submitted? NO
2. Describe hearing loss: SERIOUS
3. At what age did hearing loss begin? PROBABLY EARLY
4. Has it increased over the years? YES, DEFINITELY
5. Is hearing loss worse in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? UNKNOWN
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY---PERHAPS OLD AGE EXACERBATED HEARING LOSS IN LATER YEARS.
8. Evaluate your Smith-related parent's hearing: FATHER, SEVERE LOSS
9. Evaluate your non-Smith related parent's hearing: MOTHER, MODERATE LOSS
10. Evaluate your siblings' hearing: 1 SEVERE LOSS---2, MODERATE LOSS--- 2 SERIOUS LOSS ---4 SIBLINGS DIED BEFORE MATURITY: HEARING EVALUATION UNKNOWN.
11. Number of children with normal hearing? 2
12. Enumerate/evaluate your children with hearing loss? 4 SERIOUS LOSS
13. Evaluate the hearing of the Non-Smith parent of your children. TWO WIVES, BOTH NORMAL
14. Hearing aids? YES
15. One ear or both ears? ONE
16. Do they help? YES
17. Age when first fitted for hearing aids? ABOUT AGE 67
18. Type of hearing aids? [BTE, ITE, ITC, CIC?] PROBABLY BTE
19. Which ear has better hearing? UNKNOWN

- 20. Right or left-handed? RIGHT
- 21. Describe your handwriting? POOR
- 22. Your occupation? HOMESTEADER, FARMER, MAIL CARRIER, POLICE WORK
- 23. Did hearing loss influence career choice? YES
- 24. How do you cope with the hearing problem? DENIAL, AGGRESSION, TEMPER, FRUSTRATION
- 25. Personal comments? Tom took his frustration out on his family

AUTHOR'S COMMENTS---TOM S, G2

- 1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Serious
 - b) Family history---Second generation of hearing loss
 - c) Siblings— 5 with reported hearing loss, 0 with no reported hearing loss
 - d) Offspring—4 with reported hearing loss, 2 with no reported hearing loss
 - e) Tinnitus---Unknown
 - f) Hearing aids---Yes---1 BTE
 - g) Audiogram---None available
 - h) Other---Both parents reported to have hearing loss
 - i)
- 2. Continuous chain of hearing loss:
 - a) [FRANK---TOM]
 - b) See Fran S, G1
 - c)
- 3. Other reported causes: Age, severely beaten during police work
- 4. Possible diagnosis:
 - a) Hereditary hearing loss
 - b) Age-related hearing loss
 - c) Injury-related hearing loss

UNIT 67 FACT SHEET #47

WES B, G4, AGE 70 [FRANK---TOM---OLA---WES]

- 1. Audiogram submitted? YES
- 2. Describe hearing loss: SEVERE LOSS
- 3. At what age did hearing loss begin? BIRTH
- 4. Has it increased over the years? NOT MUCH—SOME CHANGES IN EARLY 50s.
- 5. Is hearing loss in lower frequencies or in higher frequencies? WORSE IN LOWER---BAD IN ALL

6. Tinnitus? How bad? YES NOT BAD [RARELY OCCURS]
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: HEREDITY---ALSO EXERCABATED BY ALLERGIES AND CHRONIC SINUSITIS.
8. Evaluate your Smith-related parent's hearing: MOTHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing FATHER, NORMAL
10. Evaluate your siblings' hearing: 1 NORMAL---1 SEVERE INJURY-RELATED LOSS--- 1 MODERATE LOSS.
11. Number of children with normal hearing? TWO NORMAL
12. Enumerate/evaluate your children with hearing loss? 2 MODERATE LOSS---1 SEVERE LOSS.
13. Evaluate the hearing of the Non-Smith parent of your children. 2 MOTHERS, BOTH NORMAL
14. Hearing aids? YES
15. One ear or both ears? BOTH
16. Do they help? MOST DEFINITELY! I HEAR 90% BETTER WITH AIDS.
17. Age when first fitted with hearing aids? 36
18. Type of aids? BTE, ITE, ITC, CIC? BTE---PERSCO BY PHONAK---WITH WRIST WATCH REMOTE CONTROL
19. Which ear has better hearing? LEFT--SLIGHTLY BETTER
20. Right or left-handed? RIGHT
21. Describe your handwriting? FAIR
22. Your occupation? TEACHER, CONTRACTOR, REINVESTER, MENIAL JOBS
23. Did hearing loss influence career choice? YES---I HAVE BEEN FIRED MANY TIMES AS A RESULT OF MY POOR HEARING.
24. How do you cope with the hearing problem? CHANGE POSITIONS---CHANGE PROGRAM ON MY AIDS---USE MY OWN KM MICROPHONE.
25. Personal comments? YES
- a) I HAVE BEEN CALLED "THE HIGHEST FUNCTIONING PERSON EVER FOUND TO HAVE SUCH A SEVERE IMPAIRMENT".
- b) I HID MY 80+ DB LOSS FROM ALL BUT MY CLOSEST FRIENDS. I LEARNED TO READ LIPS ON MY OWN TO ACCOMPLISH THIS FEAT. I TRIED TO LEARN ASL. BUT COULD NOT MASTER IT.
- c) MY RIGHT EAR WAS A LAZY EAR---GOOD FOR NOISE AND NO WORD RECOGNITION UNTIL 1995 WHEN I TAUGHT MYSELF TO DISTINGUISH SPEECH IN MY USELESS RIGHT EAR BY USING THE LINDAMOOD SYSTEM.
- d) MY HEARING LOSS HAS MADE ME A BETTER LEARNER BUT SOMETIMES LED TO DISAGREEMENTS AND EVEN FIGHTS BEFORE BEING FITTED FOR HEARING AIDS IN 1973.
- e) I HAVE BEEN VERY SOCIAL ALL OF MY LIFE. I HAVE BEEN A LEADER IN MANY ORGANIZATIONS.

AUTHOR'S COMMENTS---WES B, G4

1. Reported hereditary hearing loss syndromes:

- a) Hearing loss---Severe
- b) Family history---Fourth consecutive generation of hearing loss
- c) Siblings---2 with reported hearing loss, 1 with no reported hearing loss
- d) Offspring---3 with reported hearing loss, 1 with no reported hearing loss
- e) Tinnitus---Mild---occasionally
- f) Hearing aids---Two BTE plus other hearing devices
- g) Audiogram---Shows DFNA1 slope, 76% hearing loss, cookie bite pattern, and 85 dB loss,
- h) Other---Bat squeaks---0% loss on sense of balance test---[see page 14]---#5 indicates DFNA1 pattern

2. Continuous chain of hearing loss:

- a) [FRANK---TOM---OLA---WES]
- b) See Frank, G1---Tom, G2---Ola, G3

3. Other reported causes: Physical abuse as child, age, ear infections, sinus infections

4. Possible diagnosis:

- a) Hereditary hearing loss
- b) Age-related hearing loss
- c) Injury-related hearing loss
- d) Disease-related hearing loss

5. Further comments about Wes:

Wes is truly an amazing person. He was born nearly deaf and has accomplished much more during his lifetime than most people who are born with normal hearing. He has also achieved a great measure of happiness and fulfillment during his first 70 years.

Wes is a born leader. Wes has a very positive attitude toward living that should be an inspiration to other hearing-impaired persons. Wes has a wonderful sense of humor and genuinely enjoys being around other people.

Wes seems to consider his severe hearing loss as more of a challenge than a handicap. He meets challenges head on and sorts them out.

You could say that when life handed Wes lemons, instead of becoming bitter about it, he has made lemonade!

Wes has also written a book [*no place else*] that describes his life as a deaf child who is struggling to survive in a hearing world. The book describes what it is like for him to grow up extremely poor during the 1940s with a severe hearing impairment. It is intended to bring awareness to those with normal hearing and consolation to those who are similarly afflicted--- "been there---done that." This book could be best described as being a sequel to John Steinbeck's *The Grapes of Wrath*.

Wes is a well-educated, highly intelligent human being who has written an advice column for this research report. Hopefully the general advice that Wes hands out in this report will answer many questions that baffle other victims of the SFC. Wes will also answer questions and give one-on-one advice about hearing aids, as well as how to deal with a hearing loss, online via his web site. You can contact him personally at: www.electrickitestringspublishing.com

Wes makes an excellent role model for other persons with hearing impairment. Hearing-impaired or not, this guy has a marvelous zest for life, and is filled with a lot of pure determination

UNIT 68

FACT SHEET #48

WILLIAM S, G3, AGE 65 AT DEATH [by proxy]
[FRANK---TOM---WILLIAM]

1. Audiogram submitted? NO
2. Describe hearing loss: SERIOUS LOSS
3. At what age did hearing loss begin? AFTER 50
4. Has it increased over the years? YES
5. Is hearing loss in lower frequencies or in higher frequencies? UNKNOWN
6. Tinnitus? How bad? UNKNOWN
7. Is hearing loss related to heredity, injury, disease, or old age? Explain: INJURY + AGE [DROVE TANK IN EUROPE DURING WORLD WAR II]
8. Evaluate your Smith-related parent's hearing: FATHER, SERIOUS LOSS
9. Evaluate your non-Smith related parent's hearing MOTHER, NORMAL HEARING
10. Evaluate your siblings' hearing: 2 NORMAL---3 SERIOUS LOSS
11. Number of children with normal hearing? 5
12. Enumerate/evaluate your children with hearing loss? N/A
13. Evaluate the hearing of the Non-Smith parent of your children. WIFE, NORMAL
14. Hearing aids? YES---FOR WORK ONLY
15. One ear or both ears? UNKNOWN---PROBABLY ONLY ONE
16. Do they help? YES---USED FOR WORK ONLY
17. Age when first fitted with hearing aids? ABOUT AGE 50
18. Type of aids? BTE, ITE, ITC, CIC? UNKNOWN---PROBABLY BTE
19. Which ear has better hearing? UNKNOWN
20. Right or left-handed? RIGHT
21. Describe your handwriting? READABLE
22. Your occupation? CHIEF OF POLICE
23. Did hearing loss influence career choice? NO
24. How do you cope with the hearing problem? WORE HEARING AID DURING WORK HOURS ONLY. HATED WEARING HEARING AID.

AUTHOR'S COMMENTS---WILLIAM S, G3

1. Reported hereditary hearing loss syndromes:
 - a) Hearing loss---Serious
 - b) Family history---Third consecutive generation of hearing loss
 - c) Siblings—3 with reported hearing loss, 2 with no reported hearing loss
 - d) Offspring—0 with reported hearing loss, 5 with no reported hearing loss
 - e) Tinnitus--- Unknown
 - f) Hearing aids---Yes for work
 - g) Audiogram---None available

2. Continuous chain of hearing loss:

- a) [FRANK---TOM---WILLIAM]
- b) See Frank, G1---Tom, G2

3. Other reported causes: Age, loud noises

4. Possible diagnosis:

- a) Hereditary hearing loss
- b) Age-related hearing loss
- c) Injury-related hearing loss
