REFERENCES


Frank, J. (1999). I live here, but it’s not my home: residents’ experiences in assisted living. In B. Schwarz & R. Brent (Eds.), *Aging, autonomy, and architecture*.


features, policies, and social climate. New York: Oxford University Press Inc.


APPENDIX A

IRB Protocol
I. Justification of Project

Among many housing options for the elderly, assisted living facility (ALF) is considered the best housing alternative because it provides a homelike environment with supervision. Despite the increasing popularity of ALF in recent years, few empirical research studies have been done to evaluate the physical and social environment of ALF in view of residents in ALF. I would like to examine the features of ALF in Southwest Virginia that make residents feel homelike and to suggest further policy and design guidelines for better quality of ALFs as a “home.” Because the study primarily focuses on the residents’ thoughts, it will be necessary to interview and observe human subjects.

II. Procedures

This research project will be conducted through semi-structured interviews with 25 residents and five staff members in five ALFs in Southwest Virginia based on several selection criteria including capacity, location, sponsorship, and building type. The residents will be selected among residents of ALFs who want to participate in this study. The staff interviewed will be administrators of ALFs. Before selecting participants, I will notify the residents and staffs about the purpose of the study.

Interviews will be conducted with the ALF residents and staffs. Each interview will require approximately sixty to seventy minutes. No preparation for the interviews by the participants will be needed. A copy of proposed interview questions is attached.

In addition to the semi-structured interviews, I will observe residents’ private space use pattern of ALF. Field notes for observation will be prepared for analysis. In addition to interview and observation, I will review the facility’s management policy and the residents’ profile under the representative staff member’s permission.

III. Risks and Benefits

While the risks from this research are minimal, there could be some unforeseen results. Due to the old age and weak physical condition of participants, interviewees may feel some tiredness when being asked questions, and they may feel uncomfortable being recorded. In some cases, interviewees cannot hear or understand the questions due to their hearing loss. To avoid these potential risks, I will interview each resident in his/her private room without disruption of any other person and at the most comfortable time for each of the residents. If needed, I will have a short break during the interview and continue the interview after the break.
Although the participants will not benefit from this research directly, the results of this research will be reflected in future facility design as a home. For ALF management, the results will be used in better policy-making procedure.

IV. Extent of Anonymity and Confidentiality

Neither the ALFs nor the participants in this study will be identified specifically. Residents of the facilities will be identified only through pseudonyms by me as investigator. The ALFs will be described only by general characteristics that will aid in establishing context.

The interviews will be tape recorded for transcription and data analysis. The investigator will be the only person who has access to the tapes. Tapes will be stored until after the completion of this research at which time they will be destroyed.

V. Compensation

It is understood that no compensation (money or otherwise) is offered for participation in this study.

VI. Freedom to Withdraw

Participants are free to withdraw from this study at any time without penalty.

VII. Informed Consent

A copy of the informed consent form for individuals is attached to this request.

VIII. Biographical Sketches

The doctoral student conducting the research is

Youngjoo Kim
Housing and Interior Design
Department of Near Environment
College of Human Resources and Education

Youngjoo Kim is a currently a doctoral student in housing. Youngjoo graduated from the Yonsei University in Korea with a Ph.D. and M.S. from the Department of Housing and Interior Design. Her current research interest is elderly housing and she has conducted some quantitative research in cultural comparison of housing and social-psychological aspects of housing in Korea.
ASSISTED LIVING FACILITIES AS A HOME: 
CASES IN SOUTHWEST VIRGINIA

Investigator: Youngjoo Kim

The information provided here is to help you decide if you would like to voluntarily participate in the study listed above. You should be aware that you may withdraw from the study at any time without affecting your relationship with the investigator.

The purpose of this qualitative study is to examine the features of assisted living facilities (ALFs) in Southwest Virginia that make residents feel “at home” and to suggest further policy and design guidelines for better quality of ALFs as a “home.” You are being asked to participate in a semi-structured interview and to permit observation of exterior and public spaces of the facility. Interviews will be scheduled at your convenience. The data collected from these sources will be analyzed, will appear in a doctoral dissertation, and may be used in articles written for publication.

Do not hesitate to ask any questions you have before, during, or after the data collection. Any findings from the research will be shared with you if you wish.

Every effort to preserve your anonymity will be made. Only the researcher will know your identity and that of your facility. I will assign a pseudonym to you for use in all data analysis and reporting. The facility will be described only in general terms that will help establish the context for the study. The tapes of interviews with you will be destroyed or given to you after the completion and acceptance of my dissertation.

There are no known risks involved in this study. The expected benefits of this study are that the results will be reflected in better design and management policy of the assisted living facility to provide more homelike environments in the future with respect of residents’ needs.

Please sign your name below if you consent to be a part of this study with full knowledge of the purpose and nature of the research. You will receive a copy of this consent form for your records.

Signature of participant                                                                   Date

If you have any questions about this research or its conduct, you may contact:

____________________________________________________________________________________

Youngjoo Kim, Investigator                                                                 (540) 961-2240

____________________________________________________________________________________

Julia O. Beamish/Rosemary C. Goss, Faculty Advisors                                      (540) 231-8881, 231-4784

____________________________________________________________________________________

David Moore, Chair, IRB Research Division                                                (540) 231-4991
APPENDIX C

Informed Consent Form for Residents
Resident’s Informed Consent

ASSISTED LIVING FACILITY AS A HOME:
CASES IN SOUTHWEST VIRGINIA

Investigator: Youngjoo Kim

The purpose of this study is to see how the assisted living facility meets residents’ needs and how residents feel about the facility as their home.

I agree to let Ms. Kim talk to me about my life and the way I feel and think about this facility. I agree to let Ms. Kim observe and take pictures of my room.

I agree to let Ms. Kim make an audiotape of our talk together. I understand that she will make notes when she observes my room. She will not use my name in anything that she writes.

I may stop at any time if I choose. Ms. Kim will send me a copy of what she has learned, if I request it.

_________________________________________  ________________________________
Signature of participant                                      Date

Should I have any questions about this research or its conduct, I may contact:

_________________________________________  (540) 961-2240
Youngjoo Kim, Investigator                                      Phone

_________________________________________  (540) 231-8881, 231-4784
Julia O. Beamish/Rosemary C. Goss                             Phone
Faculty Advisors

_________________________________________  (540) 231- 4991
David Moore, Chair, IRB                                        Phone
Research Division
APPENDIX D

Interview Guide
Thank you for taking the time to help me with this study. I am a student at Virginia Tech, and am interested in residents’ perception of assisted living as a home.

(Hand the resident the IRB informed consent form. After a few minutes ask the participant if she/he has any questions)

The reason I am asking you these questions is because I’d like to know about your feeling and thoughts about living here at ____ facility. I will be asking you some general questions about yourself and family. Then I’ll follow those with some questions about where you have lived before and about where you live now, how you think of your room and the building, social interactions with residents and staffs in here, services and activities in here, overall satisfaction of the facility as a home, and your personal needs to improve the quality of living in the facility.

The interview should take no more than one hour and thirty minutes. If we do not complete the interview within this time frame, with your permission, we can complete the interview later at your convenience.

I will not give your name to anyone and I will not share the names of any of the people you choose to talk to me about.

With your permission, I would like to tape the interview. No one besides me will have access to the tapes and the tapes will be destroyed after my study is completed.

Remember that you are free to withdraw from this interview at any time. You are also free to skip questions that make you uncomfortable.

Do you have any questions for me?
APPENDIX E

Semi-Structured Interview Questions for Residents in Assisted Living Facility
Semi-Structured Interview Questions for Residents in Assisted Living Facility

Q1. Tell me about yourself.

Q2. How do you define a “home?”

Q3. Where is your “home?”

Q4. How far did you move from your former home?
   Tell me about your former home.

Q5. Why did you move to ______?  

Q6. Tell me about how your life has changed since you moved here. Has the move met your expectations?

Q7. What aspects of living here make you feel “at home?”

Q8. How does ______ meet your needs?

Q9. What personal things did you bring when you moved here?

Q10. Tell me about your typical day.

Q11. What kind of interactions do you have with other residents?

Q12. What kind of interactions do you have with staff?

Q13. What kind of interactions do you have with family members and friends outside of ______?

Q14. What is important to you when you think of your privacy needs?

Q15. Tell me about privacy here.

Q16. What kind of choices do you make? For instance, can you decide when you eat meals, when to go shopping, what activities to participate in?

Q17. Tell me how you enjoy your mealtime (preparation, service, choices, and taste).

Q18. What do you think about your apartment?

Q19. What do you think about the outside appearance of ________?

Q20. What do you think about the public spaces here? For example, the dining room,
the lounge, the library, and the chapel….

Q21. What activities do you participate in at ________?

Q22. Are there other activities that you participate in outside of ________?

Q23. How often do you do that? (regularly, occasionally)

Q24. Tell me what you think about housekeeping services here.

Q25. Tell me what you think about laundry services here.

Q26. Tell me what you think about transportation services here.

Q27. Tell me what you think about nursing services here.

Q28. Is there anything else you are offered at ________?

Q29. What are some of the rules that you have to follow? Are they fair, too many, or not enough?

Q30. Are there any rules about how you furnish your apartment?

Q31. Considering everything, how would you rate your overall satisfaction with ________?

Q32. Tell me about the positive aspects of living here. What do you really like here?

Q33. Tell me about what you don’t like here.

Q34. Is there anything you would like to add that I did not ask you about your residence?

Q35. Do you have any questions for me about my study?

Q36. What would you suggest I change for future interviews?
APPENDIX F

Semi-Structured Interview Questions for Administrator of Assisted Living Facility
Semi-Structured Interview Questions for Administrator of Assisted Living Facility

Q1. How long have you worked here?

Q2. What kind of lifestyles are you trying to market to?

Q3. What is the philosophy of _______ in making a homelike environment?

Q4. Do you have a mission statement? Would it be possible for me to obtain a copy?

Q5. What do you think about the relationships among the residents?

Q6. Tell me about the relationships between the residents and their families.

Q7. Tell me about the services here.

Q8. Tell me about the activity programs here.

Q9. Which of these are the most favored by the residents?

Q10. Are you thinking about adding services or activities? If so, what?

Q11. Tell me about the resident policies.

Q12. How do the residents feel about the policies?

Q13. Are you thinking about changing policies? If so, what?

Q14. Do you have resident councils or family councils?

Q15. How does that work?

Q16. How do you communicate with residents and their families?

Q17. What do you think is the most important thing for staff here to keep in mind?

Q18. Tell me what you consider to be the biggest challenge to resident satisfaction at ________.

Q19. Tell me what ________ does make to the residents feel at home.
APPENDIX G

Homelike Evaluation Instrument
EXTERIOR
1. Type/Style of building
   a. Residential appearance—e.g. resembles individual home (1)
   b. Dormitory appearance—e.g. resembles apartment complex, college dorm, or hotel (0)
   c. Institutional appearance—e.g. resembles hospital or government building (-1)

NOTES:

2. Campus/Grounds
   a. Residential in appearance—resembles individual home and yard (1)
   b. Public in appearance—resembles apartment complex, college dorm, hotel (0)

NOTES:

HALLWAY/CORRIDORS
3. Entry/doorway to unit
   Elevator?
     _____ Yes   _____ No
   a. Residential in appearance—e.g. free entry (1)
   b. Dormitory appearance—e.g. entry noted (0)
   c. Institutional appearance—e.g. entry limited (-1)

NOTES:

4. Visitors reception area
   a. Residential in appearance—e.g. full accommodations (coat closet; seating; guest toilet) (1)
   b. Dormitory in appearance—e.g. limited accommodations (receptionist; seating; signage) (0)
   c. Institutional in appearance—e.g. no accommodations (no coat storage; wayfinding problems; no seating) (-1)

NOTES:

5. Wall finish in hallways (more than half of total wall areas)
   a. Residential in appearance—e.g. patterned wall coverings; wallpaper borders; wood moldings; wood paneling (1)
   b. Dormitory in appearance—e.g. solid color/textured vinyl wall coverings; accent paint borders (0)
   c. Institutional in appearance—e.g. paint with no detailing; concrete block; ceramic tile (-1)

NOTES:

6. Flooring materials in hallways
   a. Residential in appearance—e.g. wood floor (1)
   b. Dormitory in appearance—e.g. commercial carpet (0)
   c. Institutional in appearance—e.g. hard surface flooring (-1)

NOTES:
7. Lighting in hallways
   a. Residential in appearance—e.g. incandescent lighting (1)
   b. Dormitory in appearance—e.g. fluorescent cove/soffit/indirect lighting (0)
   c. Institutional in appearance—e.g. recessed or ceiling mounted fluorescent fixtures
      with acoustical ceiling grid (-1)
   
   NOTES:

PUBLIC SPACES (excluding residents’ individual rooms)

8. Arrangement of spaces
   a. Residential—e.g. short or no corridors; multiple social spaces; social spaces
      visible from sleeping rooms; no nursing desk (1)
   b. Dormitory—e.g. short corridors; multiple social spaces; social spaces visible from
      sleeping rooms; nursing desk (0)
   c. Institutional—e.g. long double loaded corridor; single social space not directly
      visible from sleeping rooms; nursing desk (-1)
   
   NOTES:

9. Adjacency of spaces/rooms
   a. Residential—e.g. functional relationship of rooms (kitchen, dining, social areas
      adjacent; resident’s room with adjacent bathroom) (1)
   b. Dormitory—e.g. multipurpose rooms (activity/dining room); 2 bedrooms share an
      adjacent bathroom (0)
   c. Institutional—e.g. separate room for each activity (library, craft room, bathing
      room) (-1)
   
   NOTES:

10. Use of furnishings to define use of spaces
    a. Residential in appearance—e.g. full use of furniture to define function of area
       (distinctly different dining and social seating) (1)
    b. Dormitory in appearance—e.g. limited use of furniture to define function (dining
       & social space use same seating in different color/upholstery) (0)
    c. Institutional in appearance—e.g. unable to identify function of area by furnishings
       (same seating in dining and social space) (-1)
    
    NOTES:

11. Distinctness of fixed feature areas; variation/contrast one area to another
    a. Residential in appearance—e.g. much distinctiveness/variation (both public and
       residents’ rooms are different colors, with different floor and wall coverings in
       each area) (1)
    b. Dormitory in appearance—e.g. some distinctiveness/variation (public areas show
       some variation in colors, floor/wall coverings; resident’s rooms are similar to each
       other) (0)
    c. Institutional in appearance—e.g. little distinctiveness/variation (public and
       resident’s rooms are quite similar; little or no variation in color with similar
       floor/wall treatment) (-1)
    
    NOTES:
12. Accommodation of deviance
   a. Residential in appearance—e.g. disruptive, annoying, or symptomatic behaviors are positively harnessed by benign environmental elements (engaging elements such as gardens or pianos) (1)
   b. Dormitory in appearance—e.g. disruptive, annoying, or symptomatic behaviors are partially controlled by benign environmental elements (dutch doors; camouflaged exit doors; accommodations for wandering) (0)
   c. Institutional in appearance—e.g. the environment does not respond to disruptive, annoying, or symptomatic behaviors (-1)
   NOTES:

13. Odors in the public spaces (hallways and social areas)
   a. Residential—e.g. body products, food, laundry door; fresh air (1)
   b. Dormitory—e.g. no noticeable odor; closed air circulation system (0)
   c. Institutional—e.g. urine, disinfectant, medical odor; stale, musty air (-1)
   NOTES:

14. Noise in public spaces (hallways and social spaces)
   a. Residential sounds—e.g. neighborhood sounds or nature sounds; domestic sounds; resident to resident conversations; TV or radio (1)
   b. Institutional sounds—e.g. cart or equipment noise; staff conversations; pagers/intercom/muzak (-1)
   NOTES:

SOCIAL SPACES (Lounge/Dayroom)
15. Wall finish in social spaces
   a. Residential in appearance—e.g. patterned wall coverings; wallpaper borders; wood paneling (1)
   b. Dormitory in appearance—e.g. solid color/textured vinyl wall coverings; accent paint borders (0)
   c. Institutional in appearance—e.g. paint with no detailing; concrete block; ceramic tile (-1)
   NOTES:

16. Flooring materials in social spaces
   a. Residential in appearance—e.g. area rugs; wood floor (1)
   b. Dormitory in appearance—e.g. commercial carpet (0)
   c. Institutional in appearance—e.g. hard surface flooring (-1)
   NOTES:
17. Interior detailing/accessorization of social spaces
   a. Residential in appearance—e.g. wood moldings; natural materials; fireplaces; rugs/carpeting; scenic pictures (1)
   b. Dormitory in appearance—e.g. hard surface flooring, several identical furniture pieces; simulated natural materials; abstract art or posters (0)
   c. Institutional in appearance—e.g. high gloss flooring; little or no art; identical furniture pieces; plastic and metal materials dominate (-1)

NOTES:

18. Window areas in social spaces
   a. Small scale residential styled windows to integrate outside w/ interior (1)
   b. Large scale/multiple windows—e.g. “window walls” of fixed glazing (0)
   c. No windows or positioned above eye level (clerestory or skylight)—e.g. interior seems isolated from outside (-1)

NOTES:

19. Lighting in social spaces
   a. Residential in appearance—e.g. incandescent lighting (1)
   b. Dormitory in appearance—e.g. fluorescent cove/soffit/indirect lighting (0)
   c. Institutional in appearance—e.g. recessed or ceiling mounted fluorescent fixtures with acoustical ceiling grid (-1)

NOTES:

20. Illumination (natural and/or electrical) in social spaces
   a. Residential in appearance—e.g. rooms are adequately illuminated; without glare; with variation in light levels; easy adjustability of light levels; light, medium & dark shadows (1)
   b. Dormitory in appearance—e.g. rooms are illuminated based upon function and cost effectiveness; little glare; limited flexibility for change in light levels (0)
   c. Institutional in appearance—e.g. rooms are brightly and evenly illuminated; no potential to change light levels; glare problems; little shadowing (-1)

NOTES:

21. Area for small group interactions
   a. Residential in appearance—e.g. multiple areas on the unit with seating for 2-3 (1)
   b. Dormitory in appearance—e.g. multiple areas on the unit with seating for 4-6 (0)
   c. Institutional in appearance—e.g. one lounge/day room with seating for more than 6 (-1)

NOTES:

22. Area where solitary activities can occur in a group seating (e.g. reading, puzzles, snacking, solitary games)
   a. Residential—Available with full access (1)
   b. Dormitory—Only at scheduled times or with staff supervision (0)
   c. Institutional in appearance—Not available (-1)

NOTES:
23. Area for group activities
   a. Residential—e.g. multiple activities in one area (eat-in kitchen) (1)
   b. Dormitory—e.g. room defined by activity taking place (craft or activity or dining room, depending on activity taking place) (0)
   c. Institutional—e.g. separate room for each activity (dining room, activity room, craft room) (-1)

NOTES:

24. Ambiance of group social space
   a. Residential in appearance—e.g. residents feel comfortable to “be themselves”; style, fabrics, and finishes are informal; seating is comfortable (family rooms or den atmosphere) (1)
   b. Dormitory in appearance—e.g. seating is comfortable but room is more formal; style, fabrics, and finishes are residential in appearance but selected to support formal interaction (formal living room or front parlor atmosphere) (0)
   c. Institutional in appearance—e.g. style, furnishings, fabrics, and finishes are selected for durability and function (vinyl tile flooring, vinyl upholstery, geriatric seating, metal horizontal blinds) (-1)

NOTES:

DINING AREA

25. Meal time ambiance
   a. Residential—e.g. little or no waiting, conversational sounds; unobtrusive assistance (1)
   b. Dormitory—e.g. short wait, muzak; obvious assistance with feeding (0)
   c. Institutional—e.g. long waits, non-conversational noise (trays, carts, equipment); “assembly line” assistance (-1)

NOTES:

26. Wall finish in dining area
   a. Residential in appearance—e.g. patterned wall coverings; wallpaper borders; wood moldings; wood paneling (1)
   b. Dormitory in appearance—e.g. solid color/textured vinyl wall coverings; accent paint borders (0)
   c. Institutional in appearance—e.g. paint with no detailing; concrete block; ceramic tile (-1)

NOTES:

27. Flooring materials in dining area
   a. Residential in appearance—e.g. area rug; wood floor (1)
   b. Dormitory in appearance—e.g. commercial carpet (0)
   c. Institutional in appearance—e.g. hard surface flooring (-1)

NOTES:
28. Window areas in dining areas
   a. Small scale residential styled windows to integrate exterior w/ interior (1)
   b. Large scale/multiple windows—e.g. “window walls” of fixed glazing (0)
   c. No windows or positioned above eye level (clerestory or skylight)—e.g. interior seems isolated from outside (-1)

NOTES:

29. Lighting in dining spaces
   a. Residential in appearance—e.g. incandescent lighting (1)
   b. Dormitory in appearance—e.g. fluorescent cove/soffit/indirect lighting (0)
   c. Institutional in appearance—e.g. recessed or ceiling mounted fluorescent fixtures with acoustical ceiling grid (-1)

NOTES:

RESIDENTS’ ROOMS

30. Personalization of entry way to the resident’s room
   a. Residential in appearance—e.g. distinct personalization (personal items displayed such as pictures, mementos) (1)
   b. Dormitory in appearance—e.g. limited personalization (name or photo of resident) (0)
   c. Institutional in appearance—e.g. no personalization (room number only) (-1)

NOTES:

31. Personalization of resident’s room (more than half the rooms)
   a. Residential in appearance—e.g. resident has personalized room (rugs, furniture, curtains, accessories, mementoes or awards; room is identified with occupant) (1)
   b. Dormitory in appearance—e.g. some personalization (resident may have personal objects or furnishings but rooms still rather similar) (0)
   c. Institutional in appearance—e.g. little personalization (resident may have family pictures, but otherwise room doesn’t seem to belong to any one individual) (-1)

NOTES:

32. Plants and flowers found in residents’ rooms
   a. Residential in appearance—e.g. real flowers/plants (1)
   b. Dormitory in appearance—e.g. silk flowers/plants (0)
   c. Institutional in appearance—e.g. plastic flowers/plants or none visible (-1)

NOTES:

33. Wall finish in residents’ rooms
   a. Residential in appearance—e.g. patterned wall coverings; wallpaper borders; wood moldings; wood paneling (1)
   b. Dormitory in appearance—e.g. solid color/textured vinyl wall coverings; accent paint borders (0)
   c. Institutional in appearance—e.g. paint with no detailing, concrete block; ceramic tile (-1)

NOTES:
34. Flooring materials in residents’ rooms
   a. Residential in appearance—e.g. area rugs; wood floor (1)
   b. Dormitory in appearance—e.g. commercial carpet (0)
   c. Institutional in appearance—e.g. hard surface flooring (-1)
   NOTES:

35. Window operation in residents’ rooms
   a. Operable by resident (1)
   b. Operable only by staff (0)
   c. Not operable (-1)
   NOTES:

36. Window areas in residents’ rooms
   a. Small scale residential styled windows to integrate exterior w/ interior (1)
   b. Large scale/multiple windows—e.g. “window walls” of fixed glazing (0)
   c. Few or no windows or positioned above eye level (clerestory or skylight)—e.g. interior seems isolated from outside (-1)
   NOTES:

37. Lighting in residents’ rooms
   a. Residential in appearance—e.g. incandescent lighting (1)
   b. Dormitory in appearance—e.g. fluorescent cove/soffit/indirect lighting or wall sconces (0)
   c. Institutional in appearance—e.g. recessed or ceiling mounted fluorescent fixtures with acoustical ceiling grid (-1)
   NOTES:

38. Illumination (natural and/or electrical) in residents’ rooms
   a. Residential in appearance—e.g. rooms are adequately illuminated; without glare; with variation in light levels; easy adjustability of light levels; light, medium & dark shadows (1)
   b. Dormitory in appearance—e.g. rooms are illuminated based upon function and cost effectiveness; little glare; limited flexibility for change in light levels (0)
   c. Institutional in appearance—e.g. rooms brightly and evenly illuminated; no potential to change light levels; glare problems; little shadowing (-1)
   NOTES:

39. Noise in residents’ rooms during the day
   a. Residential sounds—e.g. neighborhood sounds or nature sounds; domestic sounds; resident to resident conversations; TV or radio (1)
   b. Institutional in appearance—e.g. cart or equipment noise; staff conversations; pagers/intercom/muzak (-1)
   NOTES:
40. Odors in the residents’ rooms
   a. Residential—e.g. body products, food, laundry odor; fresh air (1)
   b. Dormitory in appearance—e.g. no noticeable odor; closed air circulation system (0)
   c. Institutional in appearance—e.g. urine, disinfectant, medicinal odor; stale, musty air (-1)

NOTES:

CAREGIVER
41. Staff/caregiver’s greeting to resident indicates warmth, familiarity, and respect (e.g. genuine friendliness; knowledge of personal history respect for resident as a person)
   a. Always or almost always (1)
   b. Sometimes, more than half of the time (0)
   c. Rarely ever, less than half of the time (or no greeting) (-1)

NOTES:

42. Recognition of residents’ accomplishments/talents/awards
   a. Recurring recognition—e.g. X has great recipe for brownies; Y has a green thumb (1)
   b. Recognition only at time of event—e.g. doing a really good job with that (0)
   c. No recognition or comment (-1)

NOTES:
PERSONAL DATA

Born in Seoul, Korea on December 22, 1960.

EDUCATION

**Ph.D. 1993**  Yonsei University, Seoul, Korea  
Area of Concentration: Socio-psychological Aspects of Housing

**M.S. 1985**  Yonsei University, Seoul, Korea  
Area of Concentration: Consumer’s Perception for Interior Design

**B.S. 1983**  Yonsei University, Seoul, Korea  
Area of Concentration: Housing and Interior Design  
Minor: Secondary Education

PROFESSIONAL EXPERIENCE

1999 – Present  
Graduate Assistant, Department of Near Environments,  
Virginia Polytechnic Institute and State University  
- Reviewed and critiqued manuscripts submitted for publication for the housing research journal, *Housing and Society*  
- Assisted with research projects:  
  - analyzed statistical data (SPSS)  
  - assisted with focus group interview for qualitative data collection  
- Assisted with undergraduate ‘Barrier Free Design’, ‘House Planning’, and ‘Residential Property Management’ courses

1995-1998  
Visiting Research Fellow, Virginia Polytechnic Institute and State University, Department of Housing, Interior Design, and Resource Management  
- Participated in Research project: ‘Analysis of Factory-Built Housing as an Affordable Alternative in Virginia’s Rural Communities’
➢ Participated in Research project: ‘A Cross Cultural Study of Housing Behavior Through Housing Expectations and Preferences of Future Consumers: Comparison between Korean and American College Students’

1998 Co-editor, International Housing Conference Referred Abstracts

1993-1995 Full-Time Researcher, Human Ecology Research Institute, Yonsei University, Seoul, Korea

1993-1994 Instructor, Department of Family Well-Being, Dongduk Women’s University (Housing and Family, House Planning and Interior Design)

1993-1993 Instructor, Department of Home Economics Education, Chun Nam National University, Kwang Ju, Korea (Family Housing)

1989-1995 Instructor, Department of Housing and Interior Design, Yonsei University, Seoul, Korea (Family Housing, Interior Design, Color Theory)

1989-1995 Instructor, Department of Home Economics, Myoungji University, Yong-in, Korea (Housing and Interior Design)

1991-1991 Instructor, Department of Home Economics, Kwang-Ju University, Kwang-Ju, Korea (Family Housing, Interior Design)

1990-1991 Instructor, Department of Home Economics Education, Seowon University, Chung-Ju, Korea (Household Equipment)

1985-1988 Graduate Research Assistant, Human Ecology Research Institute, Yonsei University, Seoul, Korea

PUBLICATIONS

Referred Journals


**Referred Conference Papers**


Books


RESEARCH PROJECTS INVOLVED

2000 - present  
Kitchen Space Planning & Storage Research Projects  
(graduate research assistant/statistical data analyst) 
funded by National Kitchen and Bath Association (NKBA)

1997 - 1998  
A Cross Cultural Study of Housing Behavior Through Housing Expectations and Preferences of Future Consumers: Comparison between Korean and American College Students  
(co-researcher with Rosemary C. Goss and Bokcha Yoon) 
funded by Virginia Polytechnic Institute and State University

1995-1998  
Analysis of Factory-Built Housing as an Affordable Alternative in Virginia’s Rural Communities  
(co-researcher with Rosemary C. Goss and Julia O. Beamish) 
Hatch Project
1994-1995  Types of Kitchen in Korea
           (research associate)
           Sponsored by Hansaem Co.

1992-1994  Lifestyle Patterns of Socioeconomic Status and Prediction for
           Consumer Behavior to the Kitchen
           (research associate)
           Sponsored by Hansaem Co.

AWARDS

April, 2001  James D. Moran Memorial Thesis/Dissertation Award

PROFESSIONAL ASSOCIATIONS

1993 – Present  American Association of Housing Educators
1991 – Present  The Korean Housing Association