

CURRICULUM VITAE

JINNI A. HARRIGAN, Ph.D., R.N.

Professor, Department of Psychology
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Licensure in Psychology
State of Ohio, #3867
State of California, #13198

EDUCATION

May, 1967 R.N. St. Elizabeth's Nursing School, Thomas More College, Covington, KY
June, 1975 B.A. Psychology, Department of Psychology, University of Cincinnati, OH
Aug., 1977 M.A. Interdisciplinary Program: Psychology, Linguistics, & Anthropology
University of Cincinnati, Cincinnati, OH 45220
Dec., 1979 Ph.D. Interdisciplinary Program: Psychology, Linguistics, & Anthropology
University of Cincinnati, Cincinnati, OH 45220
Apr., 1984-87 Postdoctoral Clinical Psychology Program, University of Cincinnati, Cincinnati, OH

RESEARCH INTERESTS

Nonverbal behavior in social interaction, specifically as it relates to the experience of emotion
(empathy and anxiety), and to the processes of cognition with focus on hand movements
Expression of emotion and patterns of communication within special populations: Elders, children,
individuals from diverse cultural backgrounds
Communication processes in group encounters and in one-on-one settings in helper interactions
(medical & psychotherapy)
Learning strategies in higher education, specifically the development of innovative techniques
for enhancing student-to-student learning and faculty mentorship

PROFESSIONAL EXPERIENCE

1980 - 1986 Assistant Professor, Dept. of Family Medicine, University of Cincinnati. [Courses included:
Physician-Patient Communication, Psychology & Culture in Medicine, Human Sexuality, Managing Psychosocial Problems in Primary
Care, Interpersonal Communication Skills, & Behavioral Medicine Curriculum]
1981 - 1989 Adjunct Assistant/Associate Professor, Dept. of Psychology, Univ. of Cincinnati. [Courses:
Nonverbal Behavior in Human Interaction, & supervision of senior theses, independent study, & MA and Ph.D. research. Adjunct
Assistant Professor, Dept. of Anthropology. Taught Primate Behavior]
1984 - 1989 Appointed Research Director, Dept. of Family Medicine, Univ. of Cincinnati.
1986 - 1989 Associate Professor, Dept. of Family Medicine, Univ. of Cincinnati.
1989 - 1993 Associate Professor, Dept. of Psychology, California State University, Fullerton.
1993 - 2010 Professor, Dept. of Psychology, California State University, Fullerton (CSUF).
2015 - Professor Emeritus (CSUF).

HONORS

Graduated St. Elizabeth's Nursing School & Thomas More College Summa Cum Laude, May, 1967.
Graduated University of Cincinnati Summa Cum Laude and with High Honors in Psychology, June, 1975.
Awarded University Graduate Scholarships & Teaching/Research Assistantship, 1975-1979
Awarded Tenure, Department of Family Medicine, University of Cincinnati, August, 1986
Awarded Sabbatical Leave, Department of Family Medicine, University of Cincinnati.
Visiting Scholar, Department of Psychiatry, University of California, San Francisco, Sept., 1988 -
March, 1989 with Professor Paul Ekman. Project: Facial movements indicative of anxiety.
Awarded Tenure, Department of Psychology, CSUF, August, 1993
Awarded Sabbatical Leave, Department of Psychology, CSUF.
Visiting Scholar, Department of Psychology, Harvard University, Sept., 1993 - Feb., 1994 with
Professor Robert Rosenthal. Project: Meta-analysis of state & trait anxiety by communication channel.

Invited address: The expression and recognition of anxiety. Presented at Western Psychological Association (WPA) Annual Meeting, Los Angeles, CA, March 30 - April 2, 1995.

Awarded Award of Excellence from Psychology Department Student Association, CSUF, 1997

Awarded Performance Salary Step Increase (Merit Increase), CSUF, January, 1998, 1999, 2000, 2001.

Awarded Professor of the Year from Psychology Department Student Association, CSUF, April, 22, 1999.

Awarded Sabbatical Leave, Department of Psychology, CSUF.

Visiting Scholar, Department of Psychology, University of Geneva, Sept., 2000 - Feb., 2001 with

Professor Klaus Scherer. Project: Vocal behavior analysis: State & trait anxiety, & defensiveness.

Awarded Teacher of the Year from Psychology Department Student Association, CSUF, April, 2000.

Invited address, Meta-analysis of state & trait anxiety by communication channel. Presented at University of California, Riverside, Department of Psychology, Riverside, CA, January 24, 2002.

Awarded Faculty of the Year from Psychology Department Student Association, CSUF, May, 2002.

EDITORIAL ACTIVITIES

Reviewer for: Personality & Social Psychology
Journal of Nonverbal Behavior
Emotion

Journal of Research in Personality
Contemporary Psychology

PROFESSIONAL AFFILIATIONS

American Psychological Society, Member

Personality and Social Psychology, Division 8 APA, Member

Western Psychological Association, Member.

GRANT SUPPORT

Analysis of proxemic patterns and postural shifts within a group conversation. Summer Graduate Student Research Grant, University of Cincinnati. July, 1979.

Communication between physicians and geriatric patients. University Research Council. University of Cincinnati. October, 1982.

Grants for Development of Departments of Family Medicine: Three Components: Research, Geriatrics, and Information Systems. Department of Health and Human Services, Public Health Service. Component I, Research Program, J.A. Harrigan. Funded \$79,399 each of three years, November, 1986 - October, 1989.

Manifestations of anxiety: Expression and recognition by self and others. NIMH, Funded \$24,902, December, 1987.

Nonverbal behaviors and anxiety. Affirmative Action Faculty Grant. CSUF, Funded Spring, 1990.

Recognition of others' state and trait anxiety I. CSUF, General State Grant. Funded Summer, 1990.

Recognition of others' state and trait anxiety II. CSUF-IRR, Funded Fall, 1990.

It's not what you say, it's how you say it. CSUF-IRR, Funded Fall, 1991.

Anxiety expression by elders. (Part I). CSUF, Junior Faculty Research Award. Funded Summer, 1992.

Anxiety expression by elders (Part II). CSUF-IRR Funded, Fall, 1992.

Speech characteristics related to elders' expression of state and trait anxiety and defensiveness. CSUF-IRR, Funded Spring, 1993.

Program evaluation of clinical internship in psychology. CSUF, Centers for Internships/Cooperative Education, Funded Spring, 1994.

Cross-generational recognition of anxiety and defensiveness in young and older adults. CSUF-IRR, Funded Fall, 1994.

Facial expressions related to elders' expression of state and trait anxiety and defensiveness. CSUF-IRR, Funded Fall, 1995.

Nonverbal behavior of elders with respect to emotion and personality characteristics. CSUF-IRR, Funded Fall, 1998.

Cross-cultural recognition of anxiety and defensiveness: Comparisons among Asian, Anglo, Hispanic, and Middle Eastern cultures. CSUF-IRR, Funded Spring, 2001.

Development of anxiety awareness inventory. CSUF-IRR, Funded Spring, 2003.

The hands have it. CSUF-IRR, Funded Fall, 2005

Requested Sabbatical Leave, Fall, 2006, Collaboration with Prof Robert Rosenthal, Department of Psychology, University of California, Riverside, and Prof Klaus Scherer Department of Psychology, University of Geneva. Project: Comprehensive integration of data collected in the Anxiety Research Project 1987-present.

PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Ross, H., and Harrigan, J.A. (1980). Small group learning climates and achievement styles. *Journal of Experimental Education*, 48, 307-315.
2. Harrigan, J.A. (1980). Methods of turn-taking in group interaction. In *Papers from the Sixteenth Regional Meeting of the Chicago Linguistic Society*. Chicago: Chicago Linguistic Society, 16, 102-112.
3. Harrigan, J.A. (1980). Review of Nonverbal behavior: Applications and cultural implications. (1979) Aaron Wolfgang, *Contemporary Psychology*, 25, 712-713.
4. Harrigan, J.A., and Steffen, J.J. (1983). Gaze as a turn-exchange signal in group conversations. *British Journal of Social Psychology*, 22, 167-168.
5. Oxman, T.E., Harrigan, J.A., and Kues, J.R. (1983). Diagnostic patterns of family physicians for somatoform, depression, and anxiety disorders. *Journal of Family Practice*, 17, 439-446.
6. Harrigan, J.A., and Rosenthal, R. (1983). Physicians' head and body positions as determinants of perceived rapport. *Journal of Applied Social Psychology*, 13, 496-509.
7. Harrigan, J.A. (1984). The effects of task order on children's identification of facial expressions. *Motivation and Emotion*, 8, 157-169.
8. Harrigan, J.A., Kues, J.R., Ricks, D.F. and Smith, R. (1984). Moods that predict coming migraine headaches. *Pain*, 20, 385-396.
9. Margolis, C.F., Harrigan, J.A., and Kues, J.R. (1985). Status and teaching ability of preceptors in a first-year clinical course. *Journal of Medical Education*, 60, 410-412.
10. Harrigan, J.A. (1985). Listeners' body movements and speaking turns. *Communication Research*, 12, 233-250.
11. Harrigan, J.A. (1985). Self-touching as an indicator of underlying affect and language processes. *Social Science and Medicine*, 20, 1161-1168.
12. Harrigan, J.A., Oxman, T.E., and Rosenthal, R. (1985). Rapport expressed through nonverbal behavior. *Journal of Nonverbal Behavior*, 9, 95-110.
13. Harrigan, J.A. (1986). Review of Nonverbal behavior, perspectives, intercultural insights. (1984). Aaron Wolfgang, *Contemporary Psychology*, 31, 50-51.
14. Gillette, R.D., Kues, J.R., Harrigan, J.A., and Franklin, L. (1986). Does the family physician's role correspond to the patient's expectations? *Family Medicine*, 18, 68-72.
15. Harrigan, J.A., and Rosenthal, R. (1986). Nonverbal aspects of empathy and rapport in physician-patient interaction. In P.D. Blanck, R.W. Buck, and R. Rosenthal (Eds.), *Nonverbal communication in clinical context: Brain, behavior, and treatment*, (pp. 37-73). Cambridge MA: Cambridge University Press.
16. Harrigan, J.A., Kues, J.R., and Weber, J.G. (1986). Impressions of hand movements: Self-touching and gestures. *Perceptual and Motor Skills*, 63, 503-516.
17. Harrigan, J.A., Weber, J., and Kues, J.R. (1986). Attributions of self-touching performed in spontaneous and posed modes. *Journal of Clinical and Social Psychology*, 4, 433-446.
18. Harrigan, J.A. Children of Alcoholics. (1986). *American Family Physician*, 34, 118-126.
19. Margolis, C.F., Harrigan, J.A., Franko, A.P., Gramata, J. F., Ebersold, D.K., and Margolis, J. (1987). The telephone management of gastroenteritis by family medicine residents. *Family Practice Research Journal*, 6, 148-157.
20. Harrigan, J.A., Kues, J.R., Steffen, J.J., and Rosenthal, R. (1987). Self-touching and impressions of others. *Personality and Social Psychology Bulletin*, 13, 497-512.
21. Shreve, E.G., Harrigan, J.A., Kues, J.R., and Kay, D. (1988). Nonverbal expressions of anxiety in physician-patient interactions. *Psychiatry*, 51, 378-384.
22. Harrigan, J.A., and Lucic, K.S. (1988). Attitudes about sexism in language: It's what you say. *Sex Roles*, 19, 129-140.
23. Harrigan, J.A., Gramata, J.F., Lucic, K.S., and Margolis, C.F. (1989). Perceptions of verbal and vocal behavior in physician-patient telephone interviews. *Social Science and Medicine*, 28, 87-92.

24. Harrigan, J.A., Fox, K., and Heidotting, T. (1990). Physicians' interviewing styles with geriatric patients. *Family Practice Research Journal*, 9, 131-145.
25. Lucic, K.S., Steffen, J.J., Harrigan, J.A., and Stuebing, R.C. (1990). Progressive relaxation training: Muscle contraction before relaxation? *Behavior Therapy and Research*, 22, 249-256.
26. Harrigan, J.A., Lucic, K.S., Kay, D., McLaney, M.A., and Rosenthal, R. (1990). Effects of expresser role and body location of self-touching on observers' perceptions. *Journal of Applied Social Psychology*, 21, 585-609.
27. Harrigan, J.A., Lucic, K.S., and Rosenthal, R. (1991). Retelling anxious events: Effects on state and trait anxiety. *Personality and Individual Differences*, 12, 917-927.
28. Harrigan, J. A., Lucic, K.S., Bailyn, L.A., Zarnowecki, S., and Rosenthal, R. Judging others' anxiety. (1992). *Journal of Applied Social Psychology*, 22, 855-873.
29. Stiles, W.B., Shuster, P.L., and Harrigan, J.A. (1992). Disclosure and anxiety: A test of the fever model. *Journal of Personality and Social Psychology*. 63, 980-988.
30. Harrigan, J.A., Larson, M.A., and Pflum, K. (1994). The role of auditory cues in the detection of state anxiety. *Journal of Applied Social Psychology*, 24, 1965-1983.
31. Harrigan, J.A., Suarez, I., and Hartman, J. S. (1994). Effect of speech errors on judgments of anxious and defensive individuals. *Journal of Experimental Social Psychology*, 28, 505-529.
32. Hall, J.A., Harrigan, J.A., and Rosenthal, R. (1995). Nonverbal behavior in clinician-patient interaction. *Applied & Preventative Psychology*, 4, 21-37.
33. Harrigan, J.A., Harrigan, K.M., Sale, B.A., and Rosenthal, R. (1996). Detecting anxiety defensiveness from visual and auditory cues. *Journal of Personality*, 64, 675-709.
34. Harrigan, J.A., and O'Connell, D.M. (1996). How do you look when feeling anxious?: Facial displays of anxiety. *Personality and Individual Differences*, 32, 851-864.
35. Harrigan, J.A., and Taing, K.T. (1997). Fooled by a smile: Detecting anxiety in others. *Journal of Nonverbal Behavior*, 21, 203-221.
36. Fluck, S.A., Harrigan, J.A., and Brindley, J. (2001). Children and young adults' recognition of anxiety. *Journal of Nonverbal Behavior*, 25, 127-146.
37. Carney, D.R., & Harrigan, J.A. (2003). It takes on to know one: Interpersonal sensitivity is related to accurate assessments of others' interpersonal sensitivity. *Emotion*, 3, 194-200.
38. Harrigan, J.A., Wilson, K., and Rosenthal, R. (2004). Detecting state and trait anxiety from visual and auditory cues: A meta-analysis. *Personality and Social Psychology Bulletin*, 30, 56-66.
39. Harrigan, J.A. (2005). Proxemics, kinesics, and gaze. In J.A. Harrigan, R. Rosenthal, & K.R. Scherer. (Eds.). *The new handbook of methods in nonverbal behavior research*. (Chapter 4). NY: Oxford.
40. Harrigan, J.A., Rosenthal, R., & Scherer, K.R. (Eds.) (2005). *The new handbook of methods in nonverbal behavior research*. NY: Oxford.
41. Harrigan, J.A., Rosenthal, R., & Scherer, K.R. (2005). Methodological issues in studying nonverbal behavior. In J.A. Harrigan, R. Rosenthal, & K.R. Scherer. (Eds.). *The new handbook of methods in nonverbal behavior research*. (Chapter 1). NY: Oxford.
42. Frank, M.G., Juslin, P.N., & Harrigan, J.A. (2005). Technical issues in recording nonverbal behavior. In J.A. Harrigan, R. Rosenthal, & K.R. Scherer. (Eds.). *The new handbook of methods in nonverbal behavior research*. (Chapter 12). NY: Oxford.
43. Shoji, K., Harrigan, J.A., Woll, S.B., & Miller, S.A. (2010). Interactions among situations, neuroticism, and appraisals in coping strategy choice. *Personality and Individual Differences*, 48, 270-276.
44. Harrigan, J.A. (2013). Methodology: Coding and studying nonverbal behavior. In J.A. Hall & M.L. Knapp (Eds.). *Nonverbal Communication* (pp. 35-68, Chapter 3). Berlin, Germany: Mouton.
45. Harrigan, J.A. and Rosenthal, R. (2015). Meaning derived from hand actions: Gestures and Self-touching. Revised for *Gesture* https://www.researchgate.net/profile/Jinni_Harrigan/contributions.
46. Shoji, K., Harrigan, J.A., Woll, S.B., & Miller, S.A. (2015). Interaction effects among situations, personality characteristics, cognitive appraisals and coping on reducing state anxiety. Manuscript under revision.
47. Harrigan, J.A. (2013). *Internship practicum for undergraduate internship in clinical psychology*. Unpublished course workbook. https://www.researchgate.net/profile/Jinni_Harrigan/contributions
48. Harrigan, J.A. (2015). *A Method for Coding Head and Body Movement: Nonverbal Behavior Coding System*.

Laboratory manuscript. https://www.researchgate.net/profile/Jinni_Harrigan/contributions

49. Harrigan, J.A., Fluck, S.A., and Campbell, A.M. (2015). *From one generation to another: Young and elder adults' skills in detecting anxiety and defensiveness.*
50. Harrigan, J.A. *Speech illustrative gestures convey specific information.* (2015).

PAPERS PRESENTED

1. Ross, H. ,and Harrigan, J.A. (1979, February). *Small group learning as a function of student achievement styles.* Presented at Eastern Educational Research Association Conference. Kiawah Is., SC.
2. Harrigan, J.A. (1980, April). *Body movement as a signal in conversational turn exchange.* Presented at Central States Anthropological Association. Ann Arbor, MI.
3. Harrigan, J.A. (1980, April). *Methods of turn-taking in group interaction.* Presented at Chicago Linguistic Society Meeting. Chicago, IL.
4. Harrigan, J.A., and Steffen, J. (1980, September). *Gaze direction as a turn exchange signal.* Presented at APA, Montreal, Canada.
5. Harrigan, J.A., and Schultz, J. (1980, September). *Differences in the turn exchange system between dyads and groups.* Presented at APA, Montreal, Canada.
6. Marcus, J., and Harrigan, J.A. (1980, December). *Handedness in juvenile gorillas.* Presented at AAA, Washington, DC.
7. Marcus, J., and Harrigan, J.A. (1981, April). *The interpretation of handedness as a continuous trait: Implications for research and methodology.* Presented at Central States Anthropological Association, Cincinnati, OH.
8. Harrigan, J.A., Oxman, T.E., and Rosenthal, R. (1981, August). *Physicians' nonverbal behavior.* Presented at APA, Los Angeles, CA.
9. Oxman, T.E., Harrigan, J.A., and Freeman, T. (1982, March). *Somatiform disorders in family practice.* Presented at American Psychosomatic Society, Denver, CO.
10. Harrigan, J.A., Ricks, D.F., and Smith, R. (September, 1982). *The relationship between mood and migraine headaches.* Presented at National Pain Symposium. Indianapolis, IN.
11. Harrigan, J.A., and Rosenthal, R. (1982, December). *Leaning and nodding in the medical interview: Road to rapport.* Presented at AAA, Washington, DC.
12. Harrigan, J.A., Kues, J.R., and Ricks, D.F. (1983, March). *Predicting migraine headaches from mood changes.* Presented at Ohio Academy of Family Physicians Research Day. Columbus, OH.
13. Harrigan, J.A., Weber, J., and Kues, J.R. (1983, November). *Perceptions of extralinguistic behavior in doctor-patient interaction.* Presented at AAA, Chicago, IL.
14. Harrigan, J.A. (1984, March). *Expression of anxiety in medical interview.* Presented at Ohio Academy of Family Physicians Research Day. Columbus, OH.
15. Harrigan, J.A. (1984, May). *Effect of task order on children's identification of facial expressions.* Presented at International Communication Association, San Francisco, CA.
16. Harrigan, J.A., Weber, J.G., and Kues, J.R. (1984, June). *Impressions of patients' and physicians' nonverbal behavior.* Presented at Behavioral Medicine Conference. Moscow, U.S.S.R.
17. Harrigan, J.A., Kues, J.R., Steffen, J.J., and Rosenthal, R. (1984, August). *Effects of nonverbal behaviors on attributions of others: Hand movements.* Presented at APA, Toronto, Canada.
18. Harrigan, J.A. *Children of alcoholics.* (1985, February). Presented at Ohio Academy of Family Physicians Research Day. Columbus, OH.
19. Bloch, E.L., Harrigan, J.A., and Jergens, V.H. (1985, August). *Differences in attitudes toward mental illness and cancer.* Presented at APA, Los Angeles, CA.
20. Harrigan, J.A., and Kay, D.(1985, August). *Observers' impressions of different forms and places of self-touching.* Presented at APA, Los Angeles, CA.
21. Kues, J.R., Friemoth, J.A., Harrigan, J.A., and Sax, L. (1985, August). *The relationship between family functioning and patients' problems.* Presented at American Sociological Association, Washington, DC.
22. Harrigan, J.A. (1985, October). *Communication between older patients and their physicians.* Presented at Society of Teachers of Family Medicine, Dayton, OH.

23. Harrigan, J.A., Bloch, E.L., and Filak, A. (1986, May). *Teaching communication skills to Family Medicine residents*. Seminar presented at Society of Teachers of Family Medicine, San Diego, CA.
24. Harrigan, J.A., Fox, K., and Heidotting, T. (1986, May). *Verbal behavior analysis of medical interviews between physicians and patients*. Presented at International Communication Association, Chicago, IL.
25. Harrigan, J.A., Sheridan, K., and Newberry, M. (1986, August). *It's what you say: Differences in sexism in language*. Presented at APA, Washington, DC.
26. Harrigan, J.A., Kay, D., and McLaney, M.A. (1986, August). *Influence of performers' roles and context on impressions of self-touching*. Presented at APA, Washington, D.C.
27. Kues, J.R., Friemoth, J.A., and Harrigan, J.A. (1986, August). *Family functioning and patients' complaints: An examination of multiple models*. Presented at APA, Washington, DC.
28. Bloch, E.L., Harrigan, J.A., and Lucic, K.S. (1987, February). *Attitudes about cancer and mental illness*. Presented at American Association for the Advancement of Science (AAAS), Chicago, IL.
29. Kues, J.R., McLaney, M.A., and Harrigan, J.A. (1987, August). *Impressions in medicine: Effects of role and sex*. Presented at APA, New York, NY.
30. Harrigan, J.A., Gramata, J.F., Lucic, K.S., and Margolis, C.F. (1987, August). *Physicians' voices: Impressions of interviewing styles via the telephone*. Presented at APA, New York, NY.
31. Harrigan, J.A., Lucic, K.S., and Rosenthal, R. (1988, April). *Trait anxiety and retelling of anxious and happy events*. Presented at Western Psychological Association (WPA), San Francisco, CA.
32. Smith, R., Harrigan, J.A., Fleming, C., Lucic, K.S., and Healy, J. (1988, September). *Nadolol in preventing migraine and effect of concurrent use of other drugs*. Presented at 7th Migraine Trust International Symposim, London, England.
33. Lucic, K.S., Harrigan, J.A., and Healy, J. (1989, January). *Life events, gender, and trait anxiety differences: An open-ended methodology*. Presented at AAAS, San Francisco, CA.
34. Stiles, W.B., Shuster, P.L., and Harrigan, J.A. (1989, May). *Disclosure and anxiety: A test of the fever model*. Presented at Midwest Psychological Association, Chicago, IL.
35. Harrigan, J.A. (1989, August). *Verbal and nonverbal aspects of anxiety*. Symposium presented at APA, New Orleans, LA R. Rosenthal (chair) and C. D. Spielberger (discussant).
36. Schnurr, P.P., Oxman, T.E., Rosenberg, S.D., and Harrigan, J.A. (1989, August). *Measuring anxiety through lexical content analysis*. Presented at APA, New Orleans, LA.
37. Stiles, W.B., Shuster, P.L., Barth, M.G., Joseph, C., Kappus, B., Mason, L., Zimmerman, K.J., Lucic, K.S., and Harrigan, J.A. (1989, August). *Verbal response mode use during anxiety*. Presented at APA, New Orleans, LA.
38. Harrigan, J. A., Lucic, K.S., and Rosenthal, R. (1989, August). *Nonverbal expressions of anxiety: Hand movements*. Presented at APA, New Orleans, LA
39. Harrigan, J.A., and Lucic, K.S. (1990, April). *Sounds of anxiety*. Presented at WPA, Los Angeles, CA.
40. Harrigan, J.A., and O'Connell, D.M. (1990, August). *Facial expressions displayed during anxiety states*. Presented at APA, Boston, MA.
41. Kennedy, D.V., & Harrigan, J.A. (1995, March). *Repression: Anger and anxiety in the presentation of self*. Presented at the Southeastern Psychological Association, Savannah, GA.
42. Carney, D.R., & Harrigan, J.A. (2000, June). *Examining affective sensitivity with a multitrait-multimethod approach*. Presented at APA, Miami, FL.
43. Harrigan, J.A., Shoji, K., & Malone, A. (2008, April). Information conveyed by speech illustrative gestures. Paper presented at the annual WPA meeting, Irvine, CA.

STUDENT PAPERS PRESENTED

1. Piatka, A., Harrigan, J.A., Kues, J.R., Ricks, D.F., and Clark, A. (1984, August). *Assessment of the construct validity of the State-Trait Anxiety Inventory*. (Master's Thesis). Presented at APA, Toronto, Canada.
2. Shreve, E.G., Harrigan, J.A., Kues, J.R., and Kay, D. (1985, August). *Nonverbal expressions of anxiety in physician-patient interactions*. (Master's Thesis). Presented at APA, Los Angeles, CA.
3. Moussas, E.D., Harrigan, J.A., and Langmeyer, D. (1985, August). *Separate but unequal: Judgments of nonverbal behavior by gender*. (Master's Thesis). Presented at APA, Los Angeles, CA..

4. Margolis, C.M., Harrigan, J.A., Franko, A., Gramata, J.F., Ebersold, D.K., and Margolis, J. (1985, October). *The telephone assessment of gastroenteritis by family medicine residents.* (Research Project I). Presented at Society of Teachers of Family Medicine, Midwest Annual Meeting. Dayton, OH.
5. Black, D., Harrigan, J.A., and Smith, R. (1986, March). *Initial differences in the LOS and procedures performed on family medicine and internal medicine services.* (Fellowship Research). Presented at Ohio Academy of Family Physicians' Research Day. Columbus, OH.
6. Margolis, C.M., Harrigan, J.A., Franko, A., Gramata, J.F., Ebersold, D.K., and Margolis, J. (1986, May). *The telephone assessment of gastroenteritis by family medicine residents.* (Research Project I). Presented at National Meeting of the Society of Teachers of Family Medicine in San Diego, CA.
7. Black, D., Harrigan, J.A., and Smith, R. (1987, February). *Nonmelanotic skin cancer in men occupationally exposed to direct UV irradiation and chemical wood preservatives.* (Fellowship Research). Presented at Hawaii Academy of Family Physicians. Honolulu, HI.
8. Moussas, E.D., Harrigan, J.A., Langmeyer, D., and Dember, W. (1987, August). *Nonverbal behavior: The impact of self-touching on attributions.* (Doctoral Dissertation). Presented at APA, New York, NY.
9. Gainey, S., Warshaw, G., Harrigan, J.A., and Lucic, K.S. (1988, March). *Elderly patients in the Emergency Room.* (Fellowship Research). Presented at Ohio Academy of Family Practitioners Research Day, Columbus, OH.
10. Lucic, K.S., Bailyn, L., and Harrigan, J.A. (1988, August). *Observers' judgments of expressers' anxious feelings: Recognition accuracy.* (Master's Thesis). Presented at APA, Atlanta, GA.
11. Bailyn, L., Lucic, K.S., Harrigan, J.A., and Foreman, M. (1989, August). *Observer empathy and anxiety in response to expresser anxiety.* (Master's Thesis). Presented at APA, New Orleans, LA.
12. Zarnowiecki, S.M., Lucic, K.S., Harrigan, J.A., and Lundgren, D. (1989, August). *Gender differences in observer judgments of nonverbally expressed anxious feelings.* (Master's Thesis). Presented at APA, New Orleans, LA.
13. Fleming, C., Harrigan, J.A., Winget, C., and Steffen, J.J. (1989, August). *Content analysis of anxious descriptions of past events using the Gottschalk-Gleser system.* (Master's Thesis). Presented at APA, New Orleans, LA.
14. Herman, H.K., Harrigan, J.A., Lucic, K.S., Stutz, R., and Pawolicki, R. (1989, August). *Anxiety reduction in adults undergoing dental treatment.* (Doctoral Dissertation). Presented at APA, New Orleans, LA.
15. Larson, M.A., and Harrigan, J.A. (1991, April). *What do I reveal?* (Undergraduate Research). Presented at WPA, San Francisco, CA.
16. Sale, B., and Harrigan, J.A. (1991, August). *Detection of anxiety in relation to coping style and channel of communication.* (Master's Thesis). Presented at APA, San Francisco, CA.
17. Akhtavkhvari, T.D., and Harrigan, J.A. (1992, April). *Attitudes and behaviors toward people with AIDS.* (Master's Thesis). Presented at WPA, Portland, OR.
18. Akhtavkhvari, T.D., Norton-Marston, N., and Harrigan, J.A. (1992, April). *Attitudes towards people with AIDS.* (Graduate Research). Presented at WPA, Portland, OR.
19. Taing, K., and Harrigan, J.A. (1992, April). *What's in a face?* (Undergraduate Research). Presented at WPA, Portland, OR.
20. Campbell, A.M., Hartman, J., and Harrigan, J.A. (1992, April). *Detection of anxiety among hearing impaired older adults.* (Master's Thesis). Presented at WPA, Portland, OR.
21. Suarez, I., and Harrigan, J.A. (1992, April). *Effect of speech disruptions on judgments of anxiety.* (Undergraduate Research). Presented at WPA, Portland, OR.
22. Taing, K., and Harrigan, J.A. (1992, August). *Interpretations of facial expressions of anxiety.* (Undergraduate Research). Presented at APA, Washington, D.C.
23. Fogelson, T., Luoma, V., and Harrigan, J.A. (1992, August). *Feelings of self-esteem and anxiety in gifted children.* (Master's Thesis). Presented at APA, Washington, D.C.
24. Campbell, A.M., Hartman, J., and Harrigan, J.A. (1992, August). *Detection of anxiety: From one generation to another.* (Graduate Research). Presented at APA, Washington, D.C.
25. Harrigan, K.M., and Harrigan, J.A. (1992, August). *Effect of channel of communication on detection of anxiety.* (Undergraduate Research). Presented at APA, Washington, D.C.
26. Koppers, J.K., Dymond, K.E., and Harrigan, J.A. (1993, April). *What makes students anxious?: Perceptions of anxiety in life events.* (Graduate Research). Presented at WPA, Phoenix, AZ.

27. Hartman, J., Kennedy, D.V., and Harrigan, J.A. (1993, April). *Person perception as a function of speech errors*. (Undergraduate Research). Presented at WPA, Phoenix, AZ.
28. Brindley, J., Northey, P., Sergovia, M., and Harrigan, J.A. (1993, August). *Children's recognition of anxiety and defensiveness in elders and undergraduates*. (Master's Thesis). Presented at APA, Toronto, Canada.
29. Fluck, S., and Harrigan, J.A. (1994, April). *Perceptions of young and elders' anxiety and defensiveness*. (Undergraduate Research). Presented at WPA, Kona, HI.
30. Tucker, M., Robinson, M., and Harrigan, J.A. (1994, April). *Empathic ability and felt anxiety in response to others' anxiety*. (Graduate Research). Presented at WPA, Kona, HI.
31. Kennedy, V., DelRosario, L., and Harrigan, J.A. (1994, April). *College students' perceptions of emotional experiences*. (Graduate Research). Presented at WPA, Kona, HI.
32. Robinson, M., Harrigan, J.A., and Tucker, M. (1994, August). *Are more empathic people more accurate in detecting defensiveness?* (Undergraduate Research). Presented at APA, Los Angeles, CA.
33. Robinson, M., and Harrigan, J.A. (1995, March). *Assessment of clinical internship in psychology*. (Undergraduate Research). Presented at WPA, Los Angeles, CA.
34. Fluck, S., and Harrigan, J.A. (1995, March). *The perception of anxiety in elders from visual and auditory cues*. (Undergraduate Research). Paper presented at WPA, Los Angeles, CA.
35. DelRosario, A., and Harrigan, J.A. (1995, March). *Effect of students' values and self-awareness on practice of psychotherapy*. (Graduate Research). Presented at WPA, Los Angeles, CA.
36. Fluck, S., Blum, J., and Harrigan, J.A. (1996, April). *Recognizing affect from visual & auditory cues*. (Graduate & Undergraduate Research). Presented at WPA, San Jose, CA.
37. Fluck, S., Blum, J., and Harrigan, J.A. (1996, June). *Differences in perceiving emotion & personality*. (Graduate & Undergraduate Research). Presented at APA, San Francisco, CA.
38. Fluck, S., Sipe, D., and Harrigan, J.A. (1997, April). *Recognizing affect in elders: Generational differences*. (Graduate Research). Presented at WPA, Seattle, WA.
39. Baker, C., Falcon, T., and Harrigan, J.A. (1997, April). *Cognitive and physiological changes in state anxiety*. (Undergraduate Research). Presented at WPA, Seattle, WA.
40. Roberts, D., Baker, C., Dow, G., & Harrigan, J.A. (1998, April). *Self-esteem and test anxiety*. (Undergraduate Research). Presented at WPA, Albuquerque, NM.
41. Cheng, T., & Harrigan, J.A. (1998, April). *A meta-analysis of state and trait anxiety*. (Undergraduate Research). Presented at WPA, Albuquerque, NM.
42. Rodriguez, C., Dow, G., Truillio, S., & Harrigan, J.A. (1998, April). *Elders' nonverbal behavior which distinguishes state anxiety level*. (Undergraduate Research). Presented at WPA, Albuquerque, NM.
43. Carney, D., & Harrigan, J.A. (1998, April). *Nonverbal behaviors indicative of repression and coping*. (Graduate Research). Presented at WPA, Albuquerque, NM.
44. Fluck, S., & Harrigan, J.A. (1998, April). *Gender differences in perceiving emotion*. (Graduate Research). Presented at WPA, Albuquerque, NM.
45. Baker, C., & Harrigan, J.A. (1998, April). *Gender differences in affect, coping style, and physiological responses to state anxiety*. (Graduate Research). Presented at WPA, Albuquerque, NM.
46. Carney, D., Dow, G., Sitzler, D., & Harrigan, J.A. (1998, August). *Factors affecting accuracy of assailant identification*. (Graduate Research). Presented at APA, San Francisco, CA.
47. Baker, C.L., Lo, H., & Harrigan, J.A. (1999, April). *The effects of the Relaxation Response on test anxiety*. (Graduate and Undergraduate Research). Paper presented at WPA, Irvine, CA.
48. Baker, C.L., Lo, H., & Harrigan, J.A. (1999, April). *Paralanguage and anxiety in elders*. (Graduate and Undergraduate Research). Paper presented at WPA, Irvine, CA.
49. Benitez, T. Doukas, G., Dow, G., & Harrigan, J.A. (1999, April). *Effects of anxiety on head movements*. (Graduate and Undergraduate Research). Paper presented at WPA, Irvine, CA.
50. Dow, G., Rodriguez, C., & Harrigan, J.A. (1999, April). *Self-touching, gestures, and anxiety in elders*. Paper presented at WPA, Irvine, CA.
51. DiPaolo, A.K., Wright, L.D., Carney, D., & Harrigan, J.A. (1999, April). *College students' perceptions of anxiety in audio or video channel*. (Undergraduate Research). Paper presented at WPA, Irvine, CA.
52. Na, C.H., Shaw, M.J., Carney, D., & Harrigan, J.A. (1999, April). *The unique effect of repressive coping-style on*

- discrete nonverbal behaviors.* (Graduate and Undergraduate Research). Paper presented at WPA, Irvine, CA.
53. Ramirez, A.M., Carney, D., & Harrigan, J.A. *Using nonverbal behaviors to discriminate among trait anxious and repressive individuals.*(Graduate and Undergraduate Research). Paper presented at WPA Irvine, CA, April 29-May 2, 1999.
 54. Mintzlaff, V., Carney, D., & Harrigan, J.A. (1999, June). *The link between defensiveness and nonverbal behavior: The hands have it.* (Graduate and Undergraduate Research). Paper presented at APS, Denver, CO.
 55. Mintzlaff, V., Duran, M., & Harrigan, J.A. (2000, April). *Revealing underlying anxiety and defensiveness: Nonverbal behaviors.* (Graduate and Undergraduate Research) Paper presented at WPA, Portland, OR.
 56. DiPaolo, A.K., Wright, L.D., Pivonka, J., & Harrigan, J.A. (2000, April). *Impressions of defensiveness and empathy in audio and video cues.* (Graduate and Undergraduate Research) Paper presented at WPA, Portland, OR.
 57. Dow, G., Wilson, K., & Harrigan, J.A. (2000, April). *Hiding anxiety: Assessment of nonverbal behavior of trait anxious defensive elders.* (Graduate and Undergraduate Research) Paper presented at WPA, Portland, OR.
 58. Dow, G., Runco, M.A., and Harrigan, J.A. (2000, May). *Creative expression.* (Graduate Research) Paper presented at Graduate Women in Science, Orange, CA
 59. Wright, L.D., DiPaolo, A.K., and Harrigan, J.A. (2000, June). *Are college students able to detect defensiveness using expressive and revealing scales?* (Graduate Research) Paper presented at APS, Miami, FL.
 60. Wright, L.D., Herbert, Y, and Harrigan, J.A. (2001, April). *Perception of nonverbal behavior in defensive and nondefensive individuals.* (Graduate and Undergraduate Research). Paper presented at WPA, Maui, HI.
 61. Pivonka, J., Ladd, B., Manotas-Vesga, M., and Harrigan, J.A. (2002, April). *Effect of culture on perceptions of anxiety in others.*(Graduate and Undergraduate Research). Paper presented at WPA, Irvine, CA.
 62. Manotas-Vesga, M., Pivonka, J., Ladd, B., and Harrigan, J.A. (2002, April). Recognition of anxiety with brief exposure to stimuli. (Undergraduate and Graduate Research). Paper presented at WPA, Irvine, CA.
 63. Wright, L.D., and Harrigan, J.A. (2002, April). Detecting trait anxiety in others. (Graduate Research). Paper presented at WPA, Irvine, CA.
 64. Kelley, J. D., McCartin, J.L., and Harrigan, J.A.(2003, May3). Recognizing anxiety: Differences between females and males by communication channel. (Undergraduate and Graduate Research). Paper presented at WPA, Vancouver, BC, Canada.
 65. McCartin, J.L., Kelley, J.D., and Harrigan, J.A. (2003, May3). State anxiety: Effect of statement length and coping style. (Undergraduate and Graduate Research).Paper presented at WPA, Vancouver, BC, Canada.
 66. Harris, D.T., Salib, J.B., & Harrigan, J.A., (2004, April). Coping with anxiety: Gender and age differences. (Undergraduate Research). Paper presented at WPA, Phoenix, AZ.
 67. Salib, J.B., Harris, D.T., & Harrigan, J.A. (2004). Awareness of physiological indices in anxiety; Extraversion and gender. Paper presented at WPA, Phoenix, AZ.
 68. Kenny, T., Kawar, L., & Harrigan, J.A. (2005, April). Social anxiety: Effects on private and public self-consciousness. Paper presented at WPA, Portland, OR.
 69. Rojas, N., & Harrigan, J.A. (2005, April). Defensives' difficulty judging others' affect. Paper presented at WPA, Portland, OR.
 70. Salib, J.B., Sorgi, A.M., & Harrigan, J.A. (2005, April). Fear of death: Gender and age differences. Paper presented at WPA, Portland, OR.
 71. Sorgi, A.M., Salib, J.B., Harrigan, J.A. (2005, April). The effects of fear on coping style and gender. Paper presented at WPA, Portland, OR.
 72. Carrete, I., & Harrigan, J.A. (2005, April). To gesture or not to gesture: Perceptions of hand movements. Paper presented at WPA, Palm Springs, CA.
 73. Norga, V., Shoji, K., & Harrigan, J.A. (2006, May). Effect of decoder trait anxiety on recognition of encoder personality traits.Paper presented at WPA, Palm Springs, CA.
 74. Norga, V., Shoji, K., & Harrigan, J.A. (2006, May). Seeing you through my eyes: Recognizing anxiety. Paper presented at APS, New York, NY.
 75. Carrete, I., & Harrigan, J.A. (2006, May). Judging anxiety from hand actions: Moderating effects of gender and trait anxiety. Paper presented at APS, New York, NY.
 76. Carrete, I., & Harrigan, J.A. (2006, April). Don't talk with your hands? Not so! Paper presented at WPA,

Vancouver, Canada

77. Barsotti, M.I., Larsen, C., Harrigan, J.A., & Malone, A.S. (2007, April). Decoding speech illustrative gestures. Paper presented at WPA, Vancouver, Canada.
78. Whiteley, P., Shoji, K., & Harrigan, J.A. (2007, April). Maladaptive coping strategies among high trait anxiety individuals. Paper presented at WPA, Vancouver, Canada.
79. Carrete, I., Longbottom, J-L., Harrigan, J.A., & Marelich, W.D. (2007, April). Hand movements and anxiety in nonverbal communication: AN SEM evaluation. Paper presented at WPA, Vancouver, Canada.
80. Shoji, K., Norga, V.A., Romo, D.L., Malone, A., & Harrigan, J.A. (2007, April). Personality effects on negative emotions and coping in anxious situations. Paper presented at WPA, Vancouver, Canada.
81. Carrete, I., & Harrigan, J.A. (2007, June). What is it about fidgeting?: Functional and nonfunctional self-touching. Paper presented at APS, Washington, D.C.
82. Shoji, K., Grubbs, E., Tricario, D.E., & Harrigan, J.A. (2008, April). Inarticulate speech: Being prepared versus being interrupted. Paper presented at the annual WPA meeting in Irvine, CA.
83. Matar, S., El Khatib, F., & Harrigan, J.A. (2009). What do self-touching actions convey? Paper presented at the annual WPA meeting in Cancun, Mexico. (April 22-25, 2010).
84. El Khatib, F., Matar, S., & Harrigan, J.A. (2009). Gesture recognition accuracy in relation to social intelligence. Paper presented at the annual WPA meeting in Cancun, Mexico. (April 22-25, 2010).

COMMITTEE WORK

Internship Coordinator, Dept. Psychology, CSUF, 1991-2000
 Humanities & Social Sciences Curriculum Committee, CSUF, 1997-2000
 Search Committee, Dept. Psychology, CSUF, 1990-92, 1997-99, 2004-2005
 MA Graduate Committee, Dept. Psychology, CSUF, 1998-2006
 Internship Committee, Dept. Psychology, CSUF, 2000-2010
 Honors and Awards, Dept. Psychology, CSUF, 2007-2010
 Personnel Committee, Dept. Psychology, CSUF, 2007-2010

REFERENCES

Paul Ekman, Ph.D. Professor Department of Psychiatry University of California, Human Interaction Lab 401 Parnassus Avenue San Francisco, CA 94143	Judith A. Hall, Ph.D. Professor Psychology Department 125 Nightingale Hall Northeastern University Boston, MA 02115
Robert Rosenthal, Ph.D. Professor Department of Psychology University of California Riverside, CA 92521-0426	Charles D. Spielberger, Ph.D. Professor Department of Psychology University of South Florida 4202 East Fowler Avenue, BEH 339 Tampa, FL 33620-8200
Klaus R. Scherer, Ph.D. Professor Department of Psychology Geneva, Switzerland	