



James (Jim) Fleming, PhD
Psychometrician, Developmentalist, Research Consultant

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Curriculum Vitae

Education

- Doctorate (PhD) in Educational Measurement, Evaluation, and Research Methods, University of California, Berkeley.
- Masters of arts degree in Experimental Psychology, California State University, Northridge.
- Biostatistics and math statistics courses, UCLA.
- Bachelor's degree in psychology, California State University, Northridge.

Teaching

- Over 25 years teaching experience in psychology, education, health science, computer science, and marketing research at California State University, Northridge, San Francisco

State University, Prescott College, Embry-Riddle Aeronautical University, Northern Arizona University, and Yavapai College.

Administrative

- Survey and institutional research support for administration, faculty, and students at CSUN. Master's degree research support for graduate students.

IT Experience

- Programmer/research consultant, California State University, Northridge, over 20 years. Provide research and statistical support for faculty, students and staff ; teach faculty training courses (e.g., in Structural Equation Modeling; Windows office applications); provide user documentation for computer systems and applications; program statistical software.

Research and Interests

- Publications pertaining to self-concept and its measurement, children's intrinsic motivation, human memory, factor analysis methodology, transgender issues, psychological adjustment, and related topics.
- Professional interests include the self-concept, children's intrinsic motivation, personality development and assessment research, and psychological testing and measurement.

Professional Organizations

- American Psychological Association.
- Psychometric Society

Selected Publications

Fleming, J. S. (2018). *Psychological perspectives on human development*. (Textbook, in preparation.)

Fleming, J. S. (2017). Explorer: A program for common factor analysis and related methods for data analysis, Release 4.0. [Online software and manual.] Retrieved from: <http://swppr.org>.

Fleming, J. S. (2018). *Poems of love, death, and oranges*. (In preparation.)

Fleming, J. S. (2012). The case for hyperplane fitting rotations in factor analysis: A comparative study of simple structure. *Journal of Data Science, 10*, 419-439.

Fleming, J. S. & Soto, C. M. (2005). Medidas de simplicidad y de ajuste factorial: Un enfoque para la evaluación de escalas construidas factorialmente. *Revista de Psicología de la PUCP, 23*, 249-266.

Fleming, J. S. (2005). TETCORR: A computer program to compute smoothed tetrachoric correlation matrices. *Behavior Research Methods, 37*, 59-64.

Fleming, J. S. (2003). Computing measures of fit for loadings in factor analytically derived scales. *Behavior Research Methods, 35*, 520-524.

Docter, R. F., & Fleming, J. S. (2001). Measures of transgender behavior. *Archives of Sexual Behavior, 30*, 255-271.

Gottfried, A. E., Fleming, J. S., & Gottfried, A. W. (2001). Continuity of academic intrinsic motivation from childhood to early adolescence: A longitudinal study. *Journal of Educational Psychology, 93*, 3-13.

Gottfried, A. E., Fleming, J. S., & Gottfried, A. W. (1998). Role of cognitively stimulating home environment in children's academic intrinsic motivation: A longitudinal study. *Child Development, 5*, 1448-1460.

Gottfried, A. E., Fleming, J. S., & Gottfried, A. W. (1994). Role of parental motivational practices in children's academic intrinsic motivation and achievement. *Journal of Educational Psychology, 86*, 104-113.

Watkins, D., Yau, J., Fleming, J., Davis-Zinner, N., Tam, A., Juhasz, A.M., & Walker, A. (1997). Gender differences in the basis and level of adult self-esteem: A cross-cultural perspective. *Psychologia, 40*, 265-276.

Fleming, J. S., & Courtney, B. E. (1984). The dimensionality of self-esteem: II. Hierarchical facet model for revised measurement scales. *Journal of Personality and Social Psychology, 46*, 404-421.