

VITA

William A. Griffin, PhD
Center for Social Dynamics and Complexity
Professor, T. Denny Sanford School of Social and Family Dynamics
Honors Faculty
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Arizona State University, Tempe, AZ 85287-2701

0.1 Education

National Institute of Mental Health Postdoctoral Fellow—**Family Process and Psychopathology** (1985–1988). University of Virginia (*Psychology* [1985–1986]); University of Washington (*Psychology* [1986–1988])

Texas Tech University, Lubbock, Texas Ph.D. in *Family Science* (concentration in Marriage and Family Therapy), 1979–1982

Virginia Polytechnic Institute and State University, Blacksburg, Virginia M.S. in *Family Science* (concentration in Gerontology), 1977–1979

Auburn University B.A. Degree in *Psychology* (Minor:*Sociology*), 1973–1977

0.2 Administrative Experience

2005 – Fall, 2009, (Founding) Director. Center for Social Dynamics and Complexity. Arizona State University

1989 – 2005, Founder & Director, Marital Interaction Lab. Arizona State University

1988 – 1997: (Founding) Director, Marriage & Family Therapy Program. School of Social & Family Dynamics. Arizona State University

1983(Jan.) – 1985: Coordinator – Marriage and Family Therapy Center. Child and Family Development. Auburn University

0.3 Professional Experiences

2005 – Fall, 2009, Director (& Founder). Center for Social Dynamics and Complexity. Arizona State University

1999 – Present: Professor. School of Social & Family Dynamics. Arizona State University.

1991– 1999: Associate Professor. School of Social & Family Dynamics. Arizona State University.

1991 – 1997: Associate Professor & Clinical Director, Marriage & Family Therapy. School of Social & Family Dynamics. Arizona State University.

1988 – 1991: Assistant Professor & Clinical Director, Marriage & Family Therapy. School of Social & Family Dynamics. Arizona State University.

1983(Jan.) – 1985: Assistant Professor, Marriage and Family Therapy. Coordinator, Marriage and Family Therapy Center. Child and Family Development. Auburn University.

1984 – 1985: Assistant Professor (Adjunct Faculty), Alabama Agricultural Experimental Station, School of Agriculture and Biological Sciences. Auburn University

1982 – Psychotherapy Supervision: Supervision of marriage and family therapy doctoral students; Department of Human Development and Family Studies, Texas Tech University.

1982 – Hypnotherapist. Texas Tech Counseling Center.

1979 – 1982: Marriage and Family Therapist. Marriage and Family Development Center, Texas Tech University.

1979 – 1982: Graduate Research Assistant, Department of Human Development and Family Studies, Texas Tech. Research Areas: Assessment of marital distress, and psychotherapy outcome.

1981 – Marriage and family therapist: Family Service Association, 1220 Broadway, Metro Tower Suite 1405, Lubbock, TX 79401.

1977 – 1979: Research Assistant: Center of Gerontology, Virginia Polytechnic Institute and State University, Blacksburg, Virginia.

1977 – Lee County Hospital - Psychiatric Ward, Lee County, Alabama: Worked as psychiatric orderly for six months prior to beginning graduate school.

1977 – Lee County Day Treatment Center: Three-month internship working with out-patient psychiatric populations.

1976 – Veterans Administration Hospital, Tuskegee, Alabama: Three-month internship working with in-patient psychiatric populations.

1976 – Undergraduate Research Assistant: Examined the effect of various behavioral methods on improving consistency of participants in exercise programs.

1975 – 1976: Undergraduate Research Assistant: Examined sequential responding patterns of Rhesus monkeys during learning trials.

0.4 Publications

Griffin, W.A., (2018). pyObs: Open-Source Software for Computer-Assisted Behavioral Observation Coding. *Journal of Open Research Software*. 6(1), p.5.

DOI: <http://doi.org/10.5334/jors.183>

Griffin, W. A. & Li, X. (2016). Using Bayesian Nonparametric Hidden semi-Markov Models to Disentangle Affect Processes During Marital Interaction. *PLoS ONE* 11(5):

e0155706. doi:10.1371/journal.pone.0155706.

Li, X. & Griffin, W. A. (2013). Using ESDA with Social Weights to Analyze Spatial and Social Patterns of Preschool Children's Behavior. *Applied Geography* 43, 67-80.

Torrens, P. M., & Griffin, W. A. (2012). Exploring the micro-social geography of children's interactions in preschool: a long-term observational study and analysis using Geographic Information Technologies. *Environment & Behavior*.(DOI: 10.1177/0013916512438885)

Torrens, P. M., Nara, A, Li, X., Zhu, H., Griffin, W. A., & Brown, S. (2012). An extensible simulation environment and movement metrics for testing walking behavior in agent-based models. *Computer, Environment and Urban Systems*, 36, 1-17.

Torrens, P. M., Li, X., & Griffin, W. A. (2011). Building Agent-Based Walking Models by Machine-Learning on Diverse Databases of Space-Time Trajectory Samples. *Transactions in Geographic Information Science*, 15(s1), 67-94.

Griffin, W. A., Laubichler, M. D., & Callebaut, W. (2008). Agents, Modeling Processes, and the Allure of Prophecy. *Biological Theory*, 3(1), 73-78.

Griffin, W. A., Schmidt, S. K., Nara, A., Torrens, P. M., Fewell, J. H., & Sechler, C. M. (2007). Integrating ABM & GIS to Model Typologies of Playgroup Dynamics in Preschool Children. In M. J. North, C. M. Macal, & D. L. Sallach (Eds.), *Agent 2007: Complex Interaction and Social Emergence* (pp. 17-24). <http://www.agent2007.anl.gov/> Argonne, IL: Argonne National Laboratory/ Northwestern University.

Schmidt, S. K. & Griffin, W. A. (2007). The Signals of Play: An ABM of Affective Signatures in Children's Playgroups. In T. Terano, S. Takahashi, D. Sallach & J. Rouchier (Eds.), *Advancing Social Simulation: The First World Congress* (283-294). Springer-Verlag.

Cookston J. T, Braver, S. L., & Griffin, W. A., deLusé, S. R., & Miles, J. C. (2007). Effects of the Dads For Life intervention on interparental conflict and co-parenting in the two years after divorce. *Family Process*, 46, 123-137.

Griffin, W. A. (2006). Agent Based Modeling for the Theoretical Biologist. *Biological Theory*, 1(4), 404-409.

Griffin, W. A. & Schmidt, S. K. (2006). Simulating Decisions of Water Usage in Uncertain Times In the Southwestern US: An ABM of Strategies and Population Level Actions. In C. M. Macal, M. J. North, & D. L. Sallach (Eds.), *Agent 2005: Generative Social Processes, Models, and Mechanisms* (pp. 257-268). Chicago: University of Chicago & Argonne National Laboratory. October.

Griffin, W. A., Schmidt, S. K., Kornienko, O. (2005). An Agent Based Model of Interaction between Intimates: A Proposed Mechanism for Simulating Evolving Dyads. In D. L. Sallach, C. M. Macal, & M. J. North (Eds.), *Agent 2004: Social Dynamics: Interaction, Reflexivity and Emergence* (pp. 327-338). Chicago: University of Chicago & Argonne National Laboratory.

Schmidt, S. K., Griffin, W. A., Hanish, L. D., Martin, C. L., & Fabes, R. A., Barcelo, H. Greenwood, P. (2005). PlayMate: New Data, New Rules, and Model Validity. In D. L. Sallach, C. M. Macal, & M. J. North (Eds.), *Agent 2004: Social Dynamics: Interaction,*

Reflexivity and Emergence (pp. 339-351). Chicago: University of Chicago & Argonne National Laboratory.

Griffin, W. A. (2005). Using agent based modeling to simulate the influence of family level stress on disease progression. In Crane, D. R. & Marshall, E. S. (Eds.), *Handbook of Families and Health: Interdisciplinary Perspectives* (291-315). Sage Publications.

Braver, S. L., Griffin, W. A., Cookston J. T. (2005). Prevention Programs for Divorced Non-Resident Fathers. *Family Court Review*.

Braver, S. L., Griffin, W. A., Cookston J. T., Sandler, I. N., & Williams J. (2005). Promoting Better Fathering Among Divorced NonResident Fathers (pp. 295-325). In Pinsof, W. M. & Lebow, J. (eds.) *Family Psychology: The Art of the Science*. Oxford University Press.

Griffin, W. A., Hanish, L. D., Martin, C. L., & Fabes, R. A. (2004). Modeling play-groups in children: Determining validity and veridicality. In D. L. Sallach, C. M. Macal, & M. J. North (Eds.), *Agent 2003: Challenges in Social Simulation* (pp. 93-111). Chicago: University of Chicago & Argonne National Laboratory.

Griffin, W. A., Greene, S. M., & Decker-Haas, A. (2004). The MICSEASE: An observational coding system for capturing social processes. In Kerig, P. K. & Baucom, D. (Eds.) *Couple observational coding systems*. Mahwah, NJ: Lawrence Erlbaum Associates.

Sandler, I. N., Ayers, T. S., Wolchik, S. A., Tein, J., Kwok, O., Haine, R., Twohey, J., Jesse Suter, J., Lin, K., Padgett-Jones, S., Weyer, J. L., Cole, E., Kriege, G., & Griffin, W. A.. (2003). The Family Bereavement Program: Efficacy Evaluation of a Theory-Based Prevention Program for Parentally Bereaved Children and Adolescents. *Journal of Consulting and Clinical Psychology*, 71(3), 587-600

Griffin, W. A. (2002). Affect Pattern Recognition: Using Discrete Hidden Markov Models To Discriminate Distressed from Nondistressed Couples. *Marriage and Family Review*, 34, 139-163. Published simultaneously as a chapter in Fabes, R.(Eds.) *Emotions and the Family*. Binghamton, NY: Haworth Press.

Griffin, W. A. (2002). Family Therapy (pp. 793-800). In M. Hersen & W. Sledge (Eds.), *Encyclopedia of Psychotherapy*. New York: Academic Press.

Griffin, W. A., Parrella, J., Krainz, S. & Northey, S. (2002). Behavioral Differences In Families With and Without A Male Asthmatic: Beyond the Psychosomatic Family Model. *Journal of Social and Clinical Psychology*, 21(3), 223-252.

Griffin, W. A. (2000). A conceptual and graphical method for converging multi-subject behavioral observational data into a single process indicator. *Behavior Research Methods, Instruments, and Computers*, 32(1), 120-133.

Wolchik, S. A., West, S. G., Sandler, I. N., Tein, J., Coatesworth, D., Lengua, L., Weiss, L., Anderson, E., Greene, S., & Griffin, W. A. (2000). An experimental evaluation of theory-based mother and mother-child programs for children of divorce. *Journal of Consulting and Clinical Psychology*, 68, 843-856.

Braver, S. L., & Griffin, W. A. (2000). Engaging fathers in the post-divorce family. *Journal of Marriage and Family Review*, 29, 247-267; simultaneously published as a

chapter in E. Peters, G. Peterson, S. Steinmetz, & R. Day (Eds.), *Fatherhood: Research, intervention, and policies* (pp. 247-267). Binghamton, NY: Haworth Press.

Northey, S., Griffin, W. A., & Krainz, S. I. (1998). A Partial Test of the Psychosomatic Family Model: Marital Interaction Patterns in Asthma and Non-Asthma Families. *Journal of Family Psychology*, 12, 2, 220-233.

Greene, S. & Griffin, W. A. (1998) The Influence of Marital Satisfaction on Symptom Expression in Parkinson's Disease. *Psychiatry*, 61, 35-45.

Griffin, W. A. (1995). Assessing State Changes In Micro-social Interaction: An Introduction to Event History Analysis. In J. M. Gottman (Ed.), *Analysis of Change*. Hillsdale, N.J.: Erlbaum.

Griffin, W. A., & Greene, S. M. (1994). Social interaction and symptom sequences: A case study of orofacial bradykinesia exacerbation in Parkinson's disease during negative marital interaction. *Psychiatry*, 54, 269-274.

Griffin, W. A. (1993). Event history analysis of marital and family interaction: A practical introduction. *Journal of Family Psychology*, 6, 3, 211-229.

Griffin, W. A. (1993). Transitions from negative affect during marital interaction: Husband and wife differences. *Journal of Family Psychology*, 6, 3, 230-244.

Griffin, W. A. & Gottman, J. M. (1990). Statistical Methods for Analyzing Family Interaction. In G. R. Patterson (Ed.). *Family social interaction: Content and methodology issues in the study of aggression and depression* (pp. 130-168). Hillsdale, N.J.: Lawrence Erlbaum.

Crane, D., Allgood, S., Larson, J. & Griffin, W. A. (1990). Assessing marital quality with distressed and non-distressed couples: A comparison and equivalency table for three frequently used measures. *Journal of Marriage and the Family*, 52, 87-93.

Griffin, W. A., & Gardner, W. (1989). Analysis of behavioral durations in observational studies of social interaction. *Psychological Bulletin*, 105, 3, 497-502.

Gardner, W. & Griffin, W. A. (1989). Methods for the analysis of parallel streams of continuously recorded social behaviors. *Psychological Bulletin*, 105, 3, 446-455.

Griffin, W. A. & Morgan, A. (1988). Conflict in maritally distressed military couples. *American Journal of Family Therapy*, 16, 14-22.

Crane, D., Dollahite, D., Griffin, W. A., & Taylor, V. (1987). Diagnosing relationships with spatial distance: An empirical test of a clinical principle. *Journal of Marriage and Family Therapy*, 12, 307-310.

Griffin, W. A. & Crane, D. (1986). Nonverbal reciprocity in nondistressed marital partners: An examination of base rate change. *Journal of Marriage and Family Therapy*, 12, 301-309.

Crane, D., Griffin, W. & Hill, R. (1986). Influence of therapist skills on marital and family therapy outcome: Implications for supervision. *Journal of Marriage and Family Therapy*, 12, 91-96.

Crane, R. & Griffin, W. (1983). Personal space: An objective measure of marital quality. *Journal of Marriage and Family Therapy*, 9, 325-327.

Wagner, B., Reynolds, S. & Griffin, W. A. (1982). Mental Developmental Scale: An introduction and potential contribution to curriculum development. In *Research In Action*. Lubbock, TX.: Texas Tech Press.

Epstein, L., Wing, R., Thompson, K. & Griffin, W. A. (1980). Attendance and fitness in aerobics exercise: The effects of contract and lottery procedures. *Behavior Modification*, 4, 465-479.

Hughston, G., Protinsky, H. & Griffin, W. A. (1980). Moral judgment among elderly residents of long term care facilities. *Long Term Care and Health Services Administration Quarterly*, Fall, 215-217.

Griffin, W.A., Hughston, G. & Ritchey, S.J. (1979). Gerontological Activities in Academic Programs of Home Economics in the U.S. *Educational Gerontology: An International Quarterly*, 4, 389-393.

0.5 Published Reviews

Kerig, P.K., & Lindahl, K. M. (2001). Family Observational Coding Systems. *Journal of Marriage and the Family*, 63(3), 904.

Fitzpatrick, M. A. & Vangelisti, A. L. (1996). Explaining Family Interactions. *Journal of Marriage and the Family*, 58 (4), 1044-1045.

0.6 Published Abstracts (referred)

Krainz, S., Northey, S., & Griffin, W. A. (1996). Child Intrusiveness During Marital Interactions in Asthma and Non-Asthma Families. *Psychosomatic Medicine*, 58, 1, 89-90.

Griffin, W. A., & Greene, S. (1991). Marital quality and symptom expression among Parkinson's disease patients. *Psychosomatic Medicine*, 53, 2, 239-240.

0.7 Books

Griffin, W. A. & Greene, S. M. (1999). *Models of Family Therapy: The Essential Guide*. New York: Brunner/Mazel.

Griffin, W. A. (1993). *Family therapy: Fundamentals of Theory and Practice*. New York: Brunner/Mazel.

0.8 Software

pyObs: Python Observation Coding System used to record a child's behavior and affect in during solitary play and group interactions. Accompanies the Griffin (2017) *pyObs* article.

HSMM_SimDyad: Accompanies the 2016 Griffin & Li PLoS One article. Written in Python, with Li, Xun. Located at: https://github.com/billgriffin/HSMM_SimDyad

PlayMate: Agent based simulation of play group formation in Pre-school children (2002; 2004; 2011). Written in Python. NetLogo version (2009) with Li, Xun.

SimDyad: Agent based simulation of married couples (2004;2011). Written in Python, with Li, Xun; Version II: revised into a particle filter model. (2011).

DesertWater: Agent based simulation of water use by inhabitants of central Arizona. Constructed with Repast. (2006).

ComplySim: Diabetes compliance, community level, simulation (2005).

Database Program for Clinic and Client Information. (1990) Arizona State University Marriage and Family Therapy Clinic Database. Written in Rbase. Used since 1991.

0.9 Unpublished Technical Reports

Griffin, W. A. & Li, X. *SimDayd: Modeling Dyadic Processes* . [Software] Tech # 11-01, Tempe: Center for Social Dynamics and Complexity, Arizona State University.

Li, X., & Griffin, W. A. (2010). *Retrieving Observed Visual Attention In Young Children*. [Software] Tech # 10-01, Tempe: Center for Social Dynamics and Complexity, Arizona State University.

Griffin, W. A., & Decker, A. A. (1997). *Dads for Life: Father - Child Interaction Code Scheme*. Tech # 97-01, Tempe: Observation Coding Lab: Prevention Intervention Research Center, Arizona State University.

Griffin, W. A., & Decker, A. A. (1996). *Family Bereavement Program: Parent - Child Interaction Code Scheme*. Tech # 96-02, Tempe: Observation Coding Lab: Prevention Intervention Research Center, Arizona State University.

Griffin, W. A., & Decker, A. A. (1996). *Dads for Life: Divorced Couple Interaction Code Scheme*. Tech # 96-01, Tempe: Observation Coding Lab: Prevention Intervention Research Center, Arizona State University.

Griffin, W., Krainz, S., & Northey, S. (1994). *The Family Interaction Tactics (FIT) Coding System*. (Tech. Rep. No 94-01). Tempe: Dept. of Family and Human Development, Arizona State University, Marital Interaction Laboratory.

Griffin, W. A., & Decker, A. A. (1992). *New Beginnings Parenting Program: Mother & Child Interaction Code Scheme*. Tech # 92-01, Tempe: Marital Interaction Laboratory, Arizona State University.

Griffin, W. A., James, B., & Hannan, T. (1985; 1989). *MICSEASE: A marital interaction coding system*. ASU Marital Interaction Laboratory; Tech # 89-01, Tempe: Dept. of Family & Human Development, Arizona State University.

Gardner, W. & Griffin, W. A. (1987) *CONTIME: A program for structural analysis of continuous-time sequential categorical data* (Technical report) Charlottesville: Dept. of Psychology, University of Virginia.

0.10 Films

8 Short Films About Divorced Dads. Listed Inventors: Sanford Braver & William Griffin; listed copyright holder: Arizona State University. 83 minute movie about divorced fathers. Licensed & Copyrighted: 1996

0.11 Symposium Chair

Moderator of Relationship Enhancement Group. (2002). The AAMFT National Research Conference. Reno, NV July 20.

Grant Review Panel (chair). (2001). The AAMFT National Research Conference. Reno, NV July 21.

Grant Review Panel (chair). (2000). The AAMFT National Research Conference. Reno, NV July 14.

1987 Griffin, W. A. & Gardner, W. (co-chair). *Analysis of social interaction: A look at new methods.* Society for Research in Child Development, biennial meeting. Baltimore, MD., April, 1987.

0.12 Conference Presentations

Griffin, W. A. & Li, X. (2012). *Unsupervised Learning of Dyadic Processes: Models, Methods, and Simulation.* Computational Social Science Society of the Americas (CSSSA) Annual meeting. Santa Fe, NM. September.

Griffin, W. A. & Li, X. (2012). *The Complexity of Two: Dyadic Processes and the Evolution of Social Processes.* AAAI Spring Symposium. Palo Alto. March.

Torrens, P. M., Li, X., & Griffin, W. A. (2011). *Building Agent-Based Walking Models by Machine-Learning on Diverse Trajectory Samples.* Advances in GIScience Research Symposium—II; Esri International User Conference, San Diego, CA. July.

Griffin, W. A., Torrens, P.M., Li, X. (2010). *Validating agent-based models: A modest proposal.* Computational Social Science Society (CSSS). Tempe, AZ., November.

Torrens, P.M., Griffin, W. A., Li, X., Sechler, C., (2010). *Space-time geographic information systems for exploring the behavioral geography of social group dynamics.* Computational Social Science Society (CSSS). Tempe, AZ., November.

Li, X., Torrens, P.M., Griffin, W., Sechler, C., Zhu, H., Brown, S. Smith, J. (2009). *A Machine Learning Based Computational Modeling Framework of Human Movement Behavior*. North American Computational Social And Organizational Science (NAACSOS). Tempe, AZ. October.

Griffin W. A., Sechler, C.M., Smith, J. (2009). *Using Extant Data to Build Realistic Agent Behaviors in Preschool Children's Play Groups*. North American Computational Social And Organizational Science (NAACSOS). Tempe, AZ. October.

Li, X., Griffin, W. A., Torrens, P. M., Sechler, C. M., Smith, J., Zhu, H., Brown, S. (2009). *An Introduction to Netlogo PlayMate Model*. North American Computational Social And Organizational Science (NAACSOS). Tempe, AZ. October.

Li, X., Torrens, P.M., Griffin, W., Sechler, C., Smith, J., Zhu, H., Brown, S. (2009) *Visual GIS analysis and validation methods of individual behavioral models*, Association of American Geographers Meeting (Modeling Geographic Complexity session), Las Vegas, NV, March 26

Griffin, W. A., & Sechler, C. M. (2008) *Computational Social Science: Popular But Risky*. World Congress on Social Simulation (WCSS-08). Fairfax, VA. July.

Griffin, W. A., Schmidt, S. K., Nara, A., Torrens, P. M., Fewell, J. H., & Sechler, C. M. (2007) *Integrating ABM & GIS to Model Typologies of Playgroup Dynamics in Preschool Children*. Agent 2007: Complex Interaction and Social Emergence. Argonne National Laboratory & Northwestern University. November.

Schmidt, S. K. & Griffin, W. A. (2007). *Modeling Affect Signaling During Children's Playgroup Formation*. North American Computational Social And Organizational Science (NAACSOS). Atlanta, GA. June

Griffin, W. A., Schmidt, S. K., Nara, A., Torrens, P. M., Fewell, J. H., & Sechler, C. M. (2007). *Modeling Time, Space, and Behavior: Combining ABM & GIS to Create Typologies of Playgroup Dynamics in Preschool Children*. North American Computational Social And Organizational Science (NAACSOS). Atlanta, GA. June

Schmidt, S. K., Griffin, W. A., & Kornienko, O. (2006). *DesertWater - An ABM of Household Water Use In The Southwestern United States*. The First World Congress on Social Simulation. Kyoto, Japan. August.

Griffin, W. A., Kornienko, O., Taylor, T., & Schmidt, S. K. (2006). *Agent Based Modeling of Small n Dynamics: Conceptualization and Illustration*. The First World Congress on Social Simulation. Kyoto, Japan. August.

Schmidt, S. K. & Griffin, W. A. (2006). *The Signals of Play: An ABM of Affective Signatures in Children's Playgroups*. The First World Congress on Social Simulation. Kyoto, Japan. August.

Griffin, W. A. & Schmidt, S. K. (2005). *Simulating Decisions of Water Usage in Uncertain Times In the Southwestern US: An ABM of Strategies and Population Level Actions*. Agent 2005: Generative Social Processes, Models, and Mechanisms. Chicago: University of Chicago & Argonne National Laboratory. October.

Griffin, W. A., Schmidt, S. K., & Armendt, B. (2005). *Simulating Decisions of Water*

Use in Uncertain Times In the Southwestern US: An ABM of Strategies and Population Level Actions. North American Computational Social And Organizational Science (NAACSOS). Notre Dame, IN. June

Schmidt, S. K., & Griffin, W. A. (2005). *Asking the Right Question or Questioning the Right Way: Using an ABM Approach for Understanding the How's and Why's of Complex Social Phenomena.* North American Computational Social and Organizational Science (NAACSOS). Notre Dame, IN. June.

Griffin, W. A., Kornienko, O., Schmidt, S. K., & Long, A. (2005). *Small n Evolving Structures: Dyadic Interaction between Intimates.* Lake Arrowhead Conference on Computational Social Science and Social Complexity. UCLA Center for Human Complex Systems. Lake Arrowhead, CA May.

Hanish, L. D., Martin, C. L., Fabes, R. A., Barcelo, H., Griffin, W. A., Schmidt, S. K., Dodd, M. (2005). *Methodological Advances in Studying Peer Relationships: The Q-Connectivity Approach.* Society for Research in Child Development. Atlanta, GA. April.

Griffin, W. A., Schmidt, S. K., Kornienko, O. (2004). *An Agent Based Model of Interaction between Intimates: A Proposed Mechanism for Simulating Evolving Dyads.* Agent 2004: Social Dynamics: Interaction, Reflexivity and Emergence. Chicago: University of Chicago & Argonne National Laboratory. October.

Schmidt, S. K., Griffin, W. A., Hanish, L. D., Martin, C. L., & Fabes, R. A., Barcelo, H. Greenwood, P. (2004). *PlayMate: New Data, New Rules, and Model Validity.* Agent 2004: Social Dynamics: Interaction, Reflexivity and Emergence. Chicago: University of Chicago & Argonne National Laboratory. October.

Griffin, W. A., & Schmidt, S. (2004). *Small n Evolving Structures: Dyadic Interaction between Intimates.* International Conference on Complex Systems. Boston. May.

Cookston, J., Braver, S., Griffin, W. A. (2004). *The Dads for Life preventive intervention: Latent growth models of efficacy.* American Psychological Association Annual Meeting. Hawaii. July.

Griffin, W. A., Hanish, L. D., Martin, C. L., & Fabes, R. A. (2003). *Modeling play-groups in children: Determining validity and veridicality.* Agent 2003: Challenges in Social Simulation. Chicago: University of Chicago & Argonne National Laboratory. Chicago. October

Gunnell, G. & Griffin, W. A. (2003). *Correspondence between speaker affect and listener nonverbal behavior among married.* American Association for Marriage and Family Therapy National Conference. Long Beach, CA., October.

Griffin, W. A., Braver, S. L., & Cookston, J. (2003). *A Preventive Intervention for Divorced Nonresident Fathers.* American Association for Marriage and Family Therapy National Conference. Long Beach, CA., October.

Griffin, W. A. (2003). *Agent-based Models and Computer Simulation as a Methodological Aid for the Study of Micro-social Behavior.* Society for Research in Child Development, biennial meeting. Tampa, FL. April.

Griffin, W. A., Martin, C., Fabes, R., & Hanish, L., Anders, M., Leonard, S., Herzog,

M.. (2003). *A multi-agent computational model of the evolution in children's playgroup formation*. Lake Arrowhead Conference on Computational Social Science and Social Complexity. UCLA Center for Human Complex Systems. Lake Arrowhead, CA March.

Griffin, W. A., Cree, W. , Martin, C., Fabes, R., & Hanish, L. (2002). *Emergent Structure in Children's Play Group Formation*. Lake Arrowhead Conference on Computational Social Science and Social Complexity. UCLA Center for Human Complex Systems. Lake Arrowhead, CA May.

Braver, S. L., Griffin, W. A., Cookston, J. T., Sandler, I. N., & Williams, J. (2002). *Promoting Better Fathering Among Divorced NonResident Fathers*. Family Psychology Research Conference, Northwestern University, April.

Braver, S. L., Griffin, W. A., Cookston, J., Slander, I., & Williams, J. (2002). *A Prevention Intervention for Divorced Nonresident Fathers*. NCFR Symposium. Houston, TX., Nov.

Braver, S. L., Griffin, W. A., Cookston, J. T., Slander, I., & Williams, J. (2001, May). *An evidenced-based program for divorced noncustodial fathers: Dads for Life*. Paper presented at the Association of Family and Conciliation Courts, Chicago.

Williams, J., Braver, S. L., & Griffin, W. A. (2000). *Matched Reports of Domestic Violence Among the Recently Divorced*. Poster presented at the Fifth International Conference on Family Violence, San Diego, CA.

Parrella, J., Griffin, W. A., Krainz, S. & Northey, S. (1999). *Asthma and Non-Asthma Families: Behavioral Differences?* Presented at the American Association for Marriage and Family Therapy National Conference, Chicago, Ill. October.

Cohen, J., Haine, R., Braver, S., & Griffin, W. A. (1998). *Predictors of Divorce*. Presented at the American Psychological Association meeting. San Francisco, CA. August.

Wyman, H., Smith, M. C., Griffin, W. A., & Braver, S. A. (1997). *Specificity of conflict type in relation to children's post-divorce adjustment: Mothers' and fathers' perceptions*. Presented at Society for Community Research and Action. Colombia, SC. May.

Smith, M.C., Wyman, H., Braver, S. L., & Griffin, W. A. (1997). *Parental conflict post-divorce: It's a new fight*. Presented at Society for Community Research and Action. Colombia, SC. May.

Krainz, S., Northey, S., & Griffin, W. A. (1996). *Child Intrusiveness During Marital Interactions in Asthma and Non-Asthma Families*. Presented at the American Psychosomatic Society Annual Meeting. Williamsburg, VA. March.

Greene, S. M., & Griffin, W. A. (1995). *Marital Satisfaction As A Modifier of Symptom Expression in Parkinson's Disease During Marital Interaction*. Presented at the American Psychosomatic Society Annual Meeting. New Orleans, LA. March.

Griffin, W. A., Greene, S. M., Krainz, S. I., & Northey, S. (1994). *Family Reactions to Chronic Illness: Therapy Implications*. Presented at the American Association for Marriage and Family Therapy National Conference, Chicago, Ill. November.

Greene, S. M., & Griffin, W. A. (1991). *The Influence of Marital Satisfaction on Symptom Expression in Parkinson's Disease*. Presented at the National Jewish Center for

Immunology and Respiratory Medicine Conference, Denver, CO, November.

Griffin, W. A., Greene, S. M., & Groppenbacher, N. (1991). *Negative Affective Response by Gender During Marital Interaction*. Presented at the American Association for Marriage and Family Therapy National Conference, Dallas, TX, Oct.

Griffin, W. A., Gardner, W., Patterson, G. R., & Reid, J. (1991). *Effects of Maternal Monitoring on Aversive Mother-son Exchanges*. Third Biennial Conference on Community Research & Action. Tempe, AZ June

Griffin, W. A., & Greene, S. (1991). *Marital Quality and Symptom Expression Among Parkinson's Disease Patients*. Presented at the American Psychosomatic Society Annual Meeting. Santa Fe, NM., March

Griffin, W. A., Michaels, M., Maszk, P. & Greene, S. (1989). *Marital Support, Marital Quality and the Treatment of Parkinson's Disease*. Presented at American Association for Marriage and Family Therapy National Conference, San Francisco, CA., Oct..

Griffin, W. A. (1987). *Continuous-time Analysis of Sequential Categorical Data*. Presented at the Society for Research in Child Development biennial conference. Baltimore, MD., April.

Gardner, W. P. & Griffin, W. A. (1986). *Continuous-time Analysis of Sequential Categorical Data*. Presented at the 5th International Congress on Infant Studies, Beverly Hills, CA, April.

Hill, R. D., Crane, R., & Griffin, W. A. (1985). *The Influence of Therapist Skills on Marital and Family Therapy Outcome*. Presented at the Western Psychological Association Sixty-fifth Annual Convention, San Jose, CA, Spring.

Griffin, W. A. & Crane, R. (1984). *Nonverbal Reciprocity in Nondistressed Marital Partners: An Empirical Examination*. Presented at the American Association for Marriage and Family Therapy National Conference, San Francisco, CA, November.

Wagner, B., Reynolds, S. & Griffin, W. A. (1982). *Mental Development Scale: An Introduction and Potential Contribution to Curriculum Development*. Research in Action Conference, Texas Tech University, April.

Griffin, W. A. (1979). *Conditional Influences on Children and the Quality of Family Life: A Multi-Survey Investigation*. Presented at the Fourth Annual Symposium on the Family and the Child, University of Georgia, April.

Griffin, W. A. & Mancini, J. (1979). *Life Satisfaction Across Stages of Adulthood: A Comparison of Men and Women*. Presented at the Southeastern Council on Family Relations Annual Meeting, April.

Rogers, C. W., Hall, J., Tolan, J. & Griffin, W. A. (1977). *Development of Preferential Sequential Responding in Rhesus Monkeys*. Presented at the Southeastern Psychological Association Convention. Spring.

0.13 Funded Research

September 2006: *Modeling Time, Space, and Behavior: Combining ABM and GIS to Create Typologies of Playgroup Dynamics in Preschool Children*. PI. NSF (HSD) 0324208 (\$725,000, 3 years; 2 year extension). Co-PIs: Jennifer Fewell; Paul Torrens.

September 2004: *Decision Center for a Desert City: Science and Policy of Climate Uncertainty*. Investigator Status: NSF - 0345945 (Decision Making Under Uncertainty) - (6.9 million; 5 years)

July 2004: *Ontology and evolution of children's playgroup formation*. PI. NSF (HSD) - 0338864 (\$190,000.00; 3 years)

April 2004: *Recognizing, modeling, and simulating coupled processes in dyadic interaction*. PI. NSF (HSD) - 0339096 (\$107,664.00; 2 years)

August 1995: *A Prevention Intervention for Fathers After Divorce*. Co-PI; National Institute of Mental Health 1 RO1 MH51184-01A1 (app. 2.7 million; 1.9 direct – 5 years)

February 1995: *Center for the Prevention of Child and Family Stress Renewal Grant* (through the Prevention Research Center [MH39246-11]) - Divorce Core; Investigator Status; NIMH (app. 6.3 million – 5 years)

August 1994: *Child Bereavement Program* (NIMH - RO1 MH49155): Investigator Status. Total grant: 2.55 million (direct costs).

July 1989: *Marital Support as a Mediating Factor in the Effectiveness of the Treatment of Parkinson's Disease*. PI. Arizona Disease Control Research Commission (\$24,800.00).

January 1989: *Analysis of Positive Affect During Marital Interaction*. PI. FGIA Grant. Arizona State University (\$4,990.00).

December 1988: *Marital Support as a Mediating Factor in the Effectiveness of the Treatment of Parkinson's Disease*. Research Incentive Award. Arizona State University (\$1,127.00).

January 1988: *Expression of Emotion in Married Couples*. PI. Internal Funding, Dept. of Psychology, University of Washington (\$2,000.00).

May 1983: *An Analysis of Sequential Patterns Between Depressed and Non-depressed Marital Dyads*. PI. Research Grant-In-Aid, Auburn University (\$3,000.00).

May 1980: *Personal Space and Marital Adjustment*. Russell Crane & William Griffin. Co-PI. Research Institute Fund, Texas Tech University (\$2,000.00).

April 1980: *Development of an Instrument Used to Measure Change Due to Marital Therapy Programs*. PI. Texas Tech Graduate School Summer Research Program (\$700.00).

0.14 Series Advisor Board

Wiley Series in Computational and Quantitative Social Science

0.15 Editorial Board

Journal of Marital and Family Therapy

0.16 Adhoc Reviewer

Advances in Complex Systems
Biological Theory
Developmental Review
Environment & Behavior
Family Relations
Infancy
International Journal of Simulation and Process Modeling
Journal of Consulting & Clinical Psychology
Journal of Family Psychology
Journal of Marriage and the Family
Journal of Marriage and Family Therapy
Journal of Open Research Software
Journal of Social & Personal Relationships
Pain
Personality and Social Psychology Bulletin
PLOS ONE
Psychiatry
Psychological Bulletin
Psychological Methods
Second World Congress on Social Simulation (Book Chapter reviewer; 2009)
Stress Medicine
Society and Ecology
The Journal of Artificial Societies and Social Simulation (JASSS)

0.17 Federal Grant Review Committee Member

Konrad Lorenz Institute for Evolution and Cognitive Research (Germany): 2011
NIH: 2009
National Science Foundation: 2007
National Institute on Drug Abuse: 1997

0.18 Invited Speaker (selected)

0.18.1 National & International

Missing Determinants of Social Dynamics in Kinetic Models of Behavioral Systems (2013). Kinetic theory for the emergence of complex behavior in social and economic systems. NSF funded program: Kinetic description of emerging challenges in multiscale problems of natural sciences. Center for Social Dynamics and Complexity, Arizona State University. Feb 22.

Computational Micro-Social Dynamics. Keynote Speaker. World Congress on Social Simulation 2012 (WCSS 2012). Taipei, Taiwan. September 4

Applied Computational Social Science (2011). Panel Invitee. Computational Social Science of the Americas (CSSSA). Santa Fe, NM. Oct. 11

Complex Adaptive Systems: Requisite components for computational complex social science research. (2010). Forum on the Future of Complex Systems Research and Applications. Complex Systems Institute, The University of North Carolina at Charlotte. September 16.

Rules, agents, edges and distributions: Requisite components for computational social science models. (2010). Workshop on Social Theory and Social Computing. University of Hawai'i, Dept. of Sociology. Sponsored by the Air Force Office of Scientific Research. May 22.

Small n Dynamics: Modeling Micro-Social Behavior in Dyads. (2008) Behavioral Adaptation and Interaction Seminar at the University of Barcelona, sponsored by the Department of Behavioral Science Methods' Adaptive Behavior and Interaction Group. June, 12.

Assessing Fidelity in Treatment Research. (2001). The AAMFT National Research Conference. Reno, NV July 21.

Converging disparate data strings into a single behavior state indicator: Conceptual and graphical methods for intra- and inter-subject data. (1998). Measuring Behavior '98: 2nd International Conference on Methods and Techniques in Behavioral Research. Groningen - The Netherlands. August 20.

Engaging the divorced dad. (1997). Sanford Braver & William Griffin. Conference on Reintegrating Fathers. Sponsored by the National Institutes of Health, Washington DC. October 24.

Involving fathers in the post-divorce family. (1996). Sanford Braver & William Griffin. Conference on Father Involvement. Sponsored by the National Institutes of Health, Washington DC. October 11.

Transitions From Negative During Marital Interaction: Gender Differences. (1992). Dept. of Psychology. Univ. of Washington, Feb.

Event History Analysis with Psychological Data. (1992). Dept. of Psychology. Analysis of Change Lecture Series. Univ. of Washington, Feb.

Stochastic Modeling in the Social Sciences. (1988). Dept. of Sociology, Western Washington University, April.

The Application of Event-History Analysis to Social Interaction and Longitudinal Data. (1987). A one day workshop with W. Gardner. Oregon Social Learning Center, Eugene,

Oregon. July 23.

Applying Continuous-time models to Family Therapy Process Research. (1986). Behavior Therapy Program, Dept. of Psychiatry, Albert Einstein College of Medicine, Bronx, NY. July.

An Examination of Current Coding Systems Used in Family Process Research. (1985) Invited Speaker Seminar, Dept. of Family Science, Brigham Young University. January.

Subtles of Communication in Psychotherapy. (1985). Invited Speaker Seminar, Dept. of Family Science, Brigham Young University. January.

Strategies of Hypnotherapy and their use in Psychotherapy. (1984). Bradley Psychiatric Center, Inc. Columbus, GA. May.

Marriage and Family Therapy: An alternate perspective. (1983). Bradley Psychiatric Center. Inc. Columbus, GA. September.

0.18.2 Local

Micro-Social Dynamics and Evolving Social Structures. (2014). ASU Short Course: Introduction to Complexity (9/10/14 - 9/12/14). Sponsored by the ASU Complex Adaptive Systems Initiative. September 11.

Simulating Evolving Uncertainty: Agent-based Modeling of Complex Adaptive Systems. (2010). Applied Science Seminar. ASU College of Technology & Innovation, Polytechnic. November 8.

The Complexity of Two: Algorithms and Beyond. Group as Individual in Social Dynamics Workshop. Center for Social Dynamics and Complexity. Arizona State University, Tempe, Arizona. May 1, 2009.

Quantifying Complex Adaptive Success. Designing and Managing Complex Adaptive Systems: Lessons from Life. Beyond: Center for Fundamental Concepts in Science, Arizona State University, Tempe, Arizona. March 29, 2007.

Training The Next Generation of Agent-Based Modelers. Integrating Socio-Ecological Sciences Through a Community Modeling Framework. Arizona State University, Tempe, Arizona. March 2, 2007.

Simulating Decisions of Water Use in Uncertain Times In the Southwestern US: An Agent Based Model of Strategies and Population Level Actions. (2005). Arizona Water Summit. Flagstaff, AZ. August 5.

McCartney, P. H., Griffin, W. A., Coupling Agent-Based Models of Decision Making to Groundwater Resources via MODFLOW, Arizona Water Summit, Flagstaff, Arizona. August 5, 2005.

An Agent Based Model of Water Usage in the Phoenix Valley. (2005). Opening of the Decision Theater at Arizona State University. Tempe, AZ May 23.

Griffin, W. A., Schmidt, S. K., Armendt, B., & Ayyalsamy, S. Predicting Water Demand In the Desert Using Agent Based Modeling. (2005). DCDC NSF Review Site

Visitation. Tempe, AZ May 12.

Griffin, W. A., Schmidt, S. K., Armendt, B., & Ayyalsamy, S. Predicting Water Demand In the Desert Using Agent Based Modeling. (2005). DCDC/IIS Annual Retreat. Tempe, AZ April 25.

Intervening with the Divorced Father. (1998). Arizona Marriage and Family Therapy Association speaker series. Scottsdale, AZ. November 13.

Up Against the Wall: Working with Families. (1997). Case Consultation Seminar. Sponsored by Empact - Suicide Prevention Center. Phoenix, AZ. November 26.

Working With Families In Crisis. (1996). Case Consultation Seminar. Sponsored by Empact - Suicide Prevention Center. Phoenix, AZ. Sept. 9

Families, Family Members, and Chronic Illness: Therapy Implications. (1994). Up Against the Wall: Therapy with Challenging Individuals, Couples & Families. The Coalition of Arizona Therapists. November 11.

Influence of Chronic Pain on the Family System. (1994). Invited Workshop. Arizona Association for Marriage & Family Therapy. Spring Conference, February 19.

Bridging Addictions and Marriage & Family Therapy Systems: Philosophical Conversations. (1992). Invited Panelist. Arizona Association for Marriage & Family Therapy. Phoenix, AZ. Sept. 12.

0.19 Conference: Program Committee; Host; Reviewer

Program Committee, Manuscript submission reviewer (2017); Sixteenth International Workshop on Multi-Agent-Based Simulation. MABS 2017. So Paulo, Brazil, May.

Program Committee, Manuscript submission reviewer (2017) Computational Social Science Society of the Americas (CSSSA). Santa Fe, New Mexico. October.

Manuscript submission reviewer. (2017) Social Simulation Conference (SSC 2017). Dublin, Ireland. September.

Program Committee, Manuscript submission reviewer. (2016) Social Simulation Conference (SSC 2016). Rome, Italy. September.

Program Committee, Manuscript submission reviewer (2016) Computational Social Science Society of the Americas (CSSSA). Santa Fe, New Mexico. November.

Program Committee, Manuscript submission reviewer (2015) Computational Social Science Society of the Americas (CSSSA). Santa Fe, New Mexico. October.

Program Committee, Manuscript submission reviewer (2015); Eleventh Conference of the European Social Simulation Association. ESSA 2015. Groningen, Netherlands, September.

Program Committee, Manuscript submission reviewer (2015); Sixteenth International Workshop on Multi-Agent-Based Simulation. MABS 2015. Istanbul, Turkey, May.

Chair, Local Organizing Committee (2015), International Conference on Complex Systems (CCS'15). Tempe, Arizona September.

Scientific Program Committee (2015), International Conference on Complex Systems (CCS'15). Tempe, Arizona September.

Program Committee, Manuscript submission reviewer (2014) World Congress on Social Simulation (WCSS). So Paolo, Brazil November.

Program Committee, Manuscript submission reviewer (2014) 10th Conference of the European Social Simulation Association (ESSSA). Universitat Autònoma de Barcelona, Spain September.

Submission Review Committee, Fourteenth International Workshop on Multi-Agent-Based Simulation. MABS 2014. Paris, France, May.

Program Committee, Manuscript submission reviewer (2013) 9th Conference of the European Social Simulation Association (ESSSA). Warsaw, Poland. September.

Program Committee, Manuscript submission reviewer (2013) Computational Social Science Society of the Americas (CSSSA). Santa Fe, New Mexico. August.

Submission Review Committee, Fourteenth International Workshop on Multi-Agent-Based Simulation. MABS 2013. Saint Paul, Minnesota.

Program Committee, Manuscript submission reviewer (2012) Computational Social Science Society of the Americas (CSSSA). Santa Fe, New Mexico. October.

Program Committee, Thirteenth International Workshop on Multi-Agent-Based Simulation. MABS 2012. Valencia, Spain.

Program Committee, Manuscript submission reviewer (2011) Computational Social Science Society of the Americas (CSSSA). Santa Fe, New Mexico. October.

Local Host, Organizer, and Conference Director: (2010) Computational Social Science Society of the Americas (CSSSA). Arizona State University, Tempe, AZ. November.

Local Host, Organizer, and Conference Director: (2009) North American Computational Social And Organizational Science (NAACSOS). Arizona State University, Tempe, AZ. October.

Second World Congress on Social Simulation (2008). Paper and presentation submissions; Session Chair.

International Conference on Complex Systems (2004; 2008)

First World Congress on Social Simulation (2006). Paper and presentation submissions

AAMFT (2001). Grant submission selections.

AAMFT (2000). Grants submitted for review.

AAMFT (1999). Proposed presentations.

0.20 Honors/ Awards

2005 Nominee (2nd Round): NIH President's Pioneer Award

1999 Nomination: College of Liberal Arts and Sciences Distinguished Teaching Award for Faculty

1993 Behavioral Science Book Club Main Selection - (Dec.); for *Family Therapy: Fundamentals of Theory and Practice*.

1992 Contributions to Student Life. ASU Student Affairs

1984 National Research Award for Graduate Student Contribution to Marriage and Family Therapy; based on dissertation: *An Examination Of Nonverbal Reciprocity In Nondistressed Marital Partners*. Awarded by AAMFT.

0.21 Scholarships

1982 Human Development and Family Studies Scholarship, Texas Tech University; 1982.

0.22 Honor Societies

Phi Kappa Phi

0.23 Theses Directed

2015 Abdul-Quadir, H. Examining Processes That Reflect Heterogeneity in Maritally Satisfied Couples. (Honors)

2009 Gronewold, A. An Examination of the Role of Positive Affect on the Stability of Dyadic Preschool Friendships. (Honors)

2007 Ringler, J. An Examination of Treatment Fidelity and Program Dissemination For Prevention and Intervention Research Using the DADS FOR LIFE Program

2006 Schmidt, S. K. An agent-based model of playgroup formation and maintenance among kindergarten and preschool children.

2002 Gunnell, G. Correspondence between speaker affect and listener nonverbal behavior among married.

2001 Turley, J. Parent Critical Comments as predictors of child post-divorce adjustment

2001 Verman, S. Microsocial indicators of relationship quality for noncustodial fathers and their children.

2001 Parrella, J. A hierarchical construction of behavioral interaction patterns: Differences In Asthma and Non-Asthma Families.

1997 Taylor, L. Dynamics of Post-Divorce Interparental Conflict: The Role of Non-Escalating Behaviors in Ex-Husbands. [co-chair with Sanford Braver]

1995 Northey, S. Marital Dyad Interaction Patterns in Asthma and Non-asthma Families.

1994 Hustad, D. Verbal Conflict Patterns In An Abusive Couple: An Examination of Change Over Three Years. (Honors)

1992 Greene, S. The Influence of Marital Satisfaction on Symptom Expression in Parkinson's Disease.

1985 Barrette, H. Marital Satisfaction with Long Term Married Couples: An Examination of Gender Differences.

1985 Hickman, S. An Examination of Verbal Responses During Stranger / Depressive Interactions, and Their Relevancy to the Interpersonal Model of Depression.

1984 James, B. The MICSEASE: The Coding System, Its Training Manual and Development, and Reliability Assessment.

1984 Morgan, A. Requested Areas of Change and Levels of Distress; A Comparison of Military and Civilian Maritally Distressed Couples.

0.24 Student Organizations

2006-2009 Faculty Advisor: Student Organization for Computational Social Science (SOCSS)

0.25 Recent Teaching Assignments

Research Methods. The Sanford School of Social and Family Dynamics.

Readings in Complexity. Center for Social Dynamics and Complexity (Graduate; cross campus posting; mostly mathematics, biology, anthropology)

Dynamical Complex Social Systems. Examines dynamical systems, complexity science, and self-organization in social systems. (Undergraduate/Graduate; Family Studies/Sociology)

Advanced Family Relationships. Examines couple and family processes from a micro-social dynamics perspective. Advance undergraduate; Family Studies/Sociology.

0.26 Committee Assignments

2016-Present MS Complexity Curriculum; MS in Complexity Science; joint between SFI and ASU

2015-Present Graduate Faculty Committee, Initiative for Complex Adaptive Systems (CASI)

2011-Present Faculty, Complex Adaptive Systems, Center for Social Dynamics and Complexity

2004-Present Executive Committee, Center for Social Dynamics and Complexity

2004-2005; 09 Personnel; MFT; ASU New Schools Strategic Planning Committee

2003-2004 ASU Human Subject Committee; MFT; Strategic Planning Committee

2001-2002 ASU Human Subject Committee, Personnel; MFT

2000-2001 ASU Human Subject Committee; MFT
 2000-2001 Personnel; MFT
 1999-2000 MFT
 1997-1998 Graduate; MFT
 1997-1998 Graduate - chair; MFT
 1996-1997 Ph.D.; MFT
 1995-1996 (spr '96) Ph.D.; MFT
 1994-1995 (fall '94) Ph.D.; MFT; Departmental Review
 1993-1994 Ph.D.; MFT; Departmental Review
 1992-1993 Graduate; Ph.D.; Ad hoc merit evaluation
 1991-1992 Graduate; Ph.D.
 1990-1991 Graduate
 1989-1990 Graduate

0.27 Professional Affiliations

American Association for Marriage and Family Therapy (AAMFT; inactive)
 American Family Therapy Academy (AFTA; inactive)
 American Association for the Advancement of Science (inactive)
 American Society of Clinical Hypnosis (ASCH;inactive)
 Association for the Advancement of Artificial Intelligence
 Computational Social Science Society of the Americas (CSSSA)
 President (2010-2012)
 Vice-President (2009-2010)
 Executive Committee (2008-Present)
 National Conference Organizer and Host 2010, Tempe, AZ
 North American Association for Computational Social and Organization Sciences (NAAC-
 SOS)
 National Conference Organizer and Host 2009, Tempe, AZ
 Vice-President (2008 - 2009)
 Program Committee, International Conference 2006; 2008
 Sigma Xi, The Scientific Research Society (inactive)

0.28 Professional Credentials

Approved Supervisor and Clinical Member – American Association for Marriage and
 Family Therapy (inactive)
 State of Arizona Certified Marriage and Family Therapist # MFT-0043 (inactive)
 Clinical Member – American Society of Clinical Hypnosis (inactive)

Clinical Member – American Family Therapy Academy (inactive)