

**Stephen W. Porges, Ph.D.**  
**Distinguished University Scientist**  
**Kinsey Institute**  
**Indiana University Bloomington**  
**Bloomington, IN 27599-7160**

**Education:**

- B.A. Drew University, June, 1966 (Psychology)  
M.A. Michigan State University, December, 1968 (Psychology)  
Ph.D. Michigan State University, June 1970 (Psychology)

**Professional History:**

- 6/24 Courtesy Professor, Department of Psychiatry, University of Florida College of Medicine in Jacksonville
- 8/15 - Distinguished University Scientist, Indiana University Bloomington.
- 4/13- Professor, Department of Psychiatry, University of North Carolina.
- 6/01 - 5/13 Professor, Department of Psychiatry, Department of Bioengineering, Graduate Program in Neuroscience, University of Illinois at Chicago
- 11/11-2/13 Principal Researcher for Behavioral Neuroscience, Research Triangle Institute International, Research Triangle Park, North Carolina
- 6/01 - 6/12 Director, Brain-Body Center, Department of Psychiatry, University of Illinois at Chicago
- 2/98 - 3/01 Chair, Department of Human Development, University of Maryland  
Director, Institute for Child Study, University of Maryland
- 8/87 - 6/01 Adjunct Scientist, Laboratory of Comparative Ethology, National Institute of Child Health and Human Development
- 8/85 - 6/01 Professor, Department of Human Development, University of Maryland  
Director of Laboratory for Developmental Assessment and Intervention, Institute for Child Study, University of Maryland  
Professor, Program in Neural and Cognitive Sciences, University of Maryland  
Department Affiliate, Department of Psychology, University of Maryland
- 8/83 - 8/85 Head, Division of Developmental Psychology, Department of Psychology, University of Illinois at Urbana-Champaign  
Professor, Institute of Aviation, University of Illinois at Urbana-Champaign  
Professor, Department of Medical Information Sciences, University of Illinois Medical School at Urbana-Champaign  
Department Affiliate, Institute for Child Behavior and Development, University of Illinois at Urbana-Champaign
- 8/82 - 7/83 Guest Investigator, Clinical Infant Research Unit, Laboratory of Psychology and Psychopathology, National Institute of Mental Health
- 8/82 - 8/85 Professor, Department of Psychology and Program in Neural and Behavioral Biology, University of Illinois at Urbana-Champaign
- 8/81 - 8/82 Head, Program in Psychophysiology, Department of Psychology, University of Illinois at Urbana-Champaign
- 1/81 - 6/81 Visiting Scholar, Department of Physiology, Stanford University

- 12/78- 3/79 Visiting Scholar, Department of Education, University of California, Los Angeles  
 9/75 - 8/82 Associate Professor, Department of Psychology and Program in Neural and Behavioral Biology, University of Illinois at Urbana-Champaign  
 9/72 - 8/75 Assistant Professor, Department of Psychology, University of Illinois at Urbana-Champaign  
 8/70 - 8/72 Assistant Professor, Department of Psychology, West Virginia University  
 Clinical Assistant Professor, Department of Behavioral Medicine and Psychiatry, West Virginia University School of Medicine

## **Grant/contract support**

### ***Federal – Previous***

- National Institute of Mental Health Research Grant (PI, Porges): Heart rate correlates of attentional performance (6/71-8/72).
- National Institute of Education Research Grant (PI, Porges): Psychophysiological studies of attention during infancy and early childhood (6/73-12/76).
- National Institute of Mental Health Research Scientist Development Award (PI, Porges): Developmental psychophysiology of attention (6/75-12/80).
- National Institute of Mental Health Research Grant (PI, Sprague; Co- PI, Porges): Pediatric psychopharmacology (9/75-8/79).
- National Institute of Mental Health Training Grant (Co-PI with MGH Coles and E Donchin): Research training in psychophysiology (7/77-6/81).
- National Institute of Child Health and Human Development Program Project (PI for Project VI): Psychophysiological studies of mental retardation (9/78-8/81).
- National Institute of Mental Health Research Grant (PI, Sprague; Co-PI, Porges). Pediatric psychopharmacology (1979-1981).
- National Institute of Mental Health Research Scientist Development Award (PI, Porges): Autonomic indices of nervous system dysfunction (1981-1985).
- National Institute of Child Health and Human Development Research Grant (PI, Porges): Neonatal assessment: A psychophysiological approach (6/82-6/85).
- National Institute of Mental Health Research Grant (PI, Porges): The psychophysiology of visual recognition memory (7/84-12/85).
- Maternal and Child Health Bureau, Human Resources Service Administration Research Contract (PI, Porges). (5/85-4/86).
- National Institute of Child Health and Human Development Research Grant (PI, Porges): Neonatal assessment: A psychophysiological approach (5/86-6/89).
- National Institute of Child Health and Human Development Research Grant (PI, Porges): Neonatal assessment: A psychophysiological approach (7/89- 4/93).
- Maternal and Child Health Bureau, Human Resources Service Administration Research Grant (PI, Porges): Regulatory disorders and developmental outcomes (10/92-9/98).
- National Institute of Child Health and Human Development Research Grant (PI, Porges): Neonatal assessment: A psychophysiological approach (12/93-11/99).
- National Institute of Mental Health Research Grant (PI, Porges): Social-emotional behavior: A neurobiological approach (7/01/00-05/31/07), \$1,909,355.
- National Institute of Mental Health Research Grant Title (PI, Porges): Translating behavioral neuroscience into the clinic (7/1/03-6/30/2007), \$526,062.
- National Science Foundation Next Generation Cybertools grant (PI, Bennett Bertenthal; Co- PI, Porges): Cyberinfrastructure for collaborative research in the social and behavioral sciences (10/1/2005-9/30/2007), \$2,000,000.

National Institutes of Mental Health Research Grant: Behavioral autonomic and endocrine regulation in depression and heart disease (PI, Grippo; Co-PI, Porges) (09/01/2007-08/31/2010), \$426,000.

National Center for Research Resources Facilities Enhancement Grant to remodel laboratories creating 'Research Space for Behavioral Neurobiology,' Scientific Director and grant co-author (6/04-6/08), \$6,600,000 (\$3,600,000 from NIH, \$3,000,000 University of Illinois).

National Institute of Child Health and Human Development Research Grant (PI, Porges): Infant crying and developmental outcome: A biobehavioral approach (08/01/2007-05/31/2013), \$2,517,462.

National Institutes of Health (NICHD Program Project Award): Developmental consequences of birth intervention. (PI, CS Carter; Co-PI, Porges).(2014-2019), \$4,833,965.

### ***Government Contracts***

Army W911NF 07 1 0669. Porges (PI). Dynamic digital tracking of infrared thermography: A noncontact strategy to monitor physiological reactivity. (09/08/2007-3/31/2009), \$196,622.

Department of Defense (DARPA): PhysioCam: A noncontact system to monitor physiological responses from a distance. (4/01/2014-3/31/2015). \$322,702.

Department of Defense (TSWG): Noncontact polygraphy: Bridging thermal imaging with human physiology. (04/01/2011-03/31/12), \$442,000.

### ***Gifts and Private Foundations***

Unicorn Foundation: Seed funds to develop innovative treatments for children with communication disorders (1995-1997) \$70,000.

Anonymous donors: Seed funds to develop psychophysiological and observational assessments to evaluate children diagnosed with severe regulatory disorders. (1996-2009), \$150,000.

Cure Autism Now Grant: Stimulating social communication and affective expression in autistic children: A neurophysiological approach (1/1/99-12/31/00), \$50,000.

The Rockefeller Foundation residency program at the Bellagio Conference Center in Bellagio, Italy (6/15/00-7/15/00).

Nancy Lurie Marks Family Foundation: Stimulating social communication and affective expression in adolescents and adults with autism: A neurophysiological approach (7/1/02-6/30/04), \$122,400.

Harris Foundation: Stimulating social communication behaviors in children: A biobehavioral approach (07/01/03-06/30/04), \$66,700.

The Fragile X Research Foundation: Pilot trial of lithium in Fragile X syndrome (7/1/05-6/30/07) \$30,000.

Autism Speaks. Social engagement behaviors in autism (1/07-12/07), \$50,000.

Nancy Lurie Marks Family Foundation. Stimulating social engagement behaviors in individuals with autism (07/01/05-05/30/08), \$377,188.

Charles Stark Draper Laboratory. Extracting indices of neural regulation from peripheral physiological measures. (7/1/10-6/30/12), \$200,000

NC TraCS Institute (CTSA): Psychometric evaluation of the BBC Sensory Scales for the assessment of sensory-perceptual abnormalities in individuals with Fragile X Syndrome. (01/01/2016-12/31/2016), \$50,000.

Australian Childhood Foundation. The Listening Project: Tuning into change. (07/01/2013-12/31/2016), \$150,000.

### **Publications**

## **Books**

- Porges, S. W., & Coles, M. G. H. (1976). *Psychophysiology*. Dowden, Hutchinson & Ross.
- Coles, M. G. H., Donchin, E., & Porges, S. W. (1986). *Psychophysiology: systems, processes, and applications*. Guilford Press.
- Carter, C. S., Ahnert, L., Grossmann, K. E., Hrdy, S. B., Lamb M. E., Porges, S. W., & Sachser, N. (2005). *Attachment and Bonding: A New Synthesis*. The MIT Press.
- Porges, S. W., Trejo, B. M., & Martinez, A. C. (2005). *La Teoria Polivagal*. Mexico, Universidad Nacional Autonoma de Mexico, Comision Nacional de los Derechos Humanos.
- Porges, S. W. (2010). *Die Polyvagal-Theorie: Neurophysiologische Grundlagen der Therapie*. Paderborn, Germany: Junfermann Verlag.
- Porges, S. W. (2011). *The Polyvagal Theory: Neurophysiological Foundations of Emotions, Attachment, Communication, and Self-regulation*. New York: WW Norton.
- Porges, S. W. (2017). *Die Polyvagal-Theorie und die Suche nach Sicherheit: Traumabehandlung, soziales Engagement und Bindung*. Lichtenau/Westphalia, German: Probst Verlag.
- Porges, S. W. (2017). *The Pocket Guide to the Polyvagal Theory: The Transformative Power of Feeling Safe*. New York: WW Norton.
- Porges, S. W. & Dana, D. (2018). *Clinical Applications of the Polyvagal Theory: The Emergence of Polyvagal-Informed Therapies*. New York: WW Norton.
- Porges, S.W. (2021). *Polyvagal Safety: Attachment, Communication, Self-regulation*. New York: WW Norton.
- Porges, S. W., & Porges, S. (2023). *Our Polyvagal World: How Safety and Trauma Change Us*. W. W. Norton & Company.
- Tucci, J., Mitchell, J., Porges, S. W., & Tronick, E. C. (2024). *The Handbook of Trauma-Transformative Practice: Emerging Therapeutic Frameworks for Supporting Individuals, Families or Communities Impacted by Abuse and Violence*. Jessica Kingsley Publishers.
- Porges, S. W. (2024). *Polyvagal Perspectives: Interventions, Practices, and Strategies*. W. W. Norton & Company.
- Grassmann, H., Stupiggia, M., & Porges, S. W. (2025). *Somatic-Oriented Therapies: Embodiment, Trauma, and Polyvagal Perspectives*. W. W. Norton & Company.
- Porges, S. W. & Onderko, K. (2025). *Safe and Sound: A Polyvagal Approach for Connection, Change, and Healing*. Sounds True.

## **Patents**

- Method and Apparatus for Evaluating Rhythmic Oscillations in Aperiodic Physiological Response Systems. Patent Number: US4,510,944. April 16, 1985.
- Method and Apparatus for Evaluating Dynamic Middle Ear Muscle Activity (with GF Lewis). Patent Publication number: US20130303941 A1. December 13, 2013.
- System and methods for measuring physiological parameters. Patent Number: US10004410B2, June 26, 2018.
- Methods and Systems for Reducing Sound Sensitivities and Improving Auditory Processing, Behavioral State Regulation and Social Engagement Behaviors. Patent Number: US 10,029,068 B2. July 24, 2018.
- Methods and Systems for Reducing Sound Sensitivities and Improving Auditory Processing, Behavioral State Regulation and Social Engagement Behaviors. Patent Number: US 10,661,046, May 26, 2020.
- Systems and Methods for Modulating Physiological State. Patent Number US 10,702,154, 2020.

## Articles

- Porges, S. W., & Raskin, D. C. (1969). Respiratory and heart rate components of attention. *Journal of experimental psychology*, 81(3), 497.
- Fitzgerald, H. E., & Porges, S. W. (1970). Cardiovascular effects of paced respiration and selective attention. *Psychonomic Science*, 19(2), 65-66.
- Porges, S. W., & Fitzgerald, H. E. (1970). An inexpensive method for programming stimuli using magnetic tape. *Psychophysiology*, 7(1), 124-127.
- Fitzgerald, H. E., & Porges, S. W. (1971). A decade of infant conditioning and learning research. *Merrill-Palmer Quarterly of Behavior and Development*, 17(2), 79-117.
- Porges, S. W. (1972). Heart rate variability and deceleration as indexes of reaction time. *Journal of Experimental Psychology*, 92(1), 103.
- Porges, S. W., Arnold, W. R., & Forbes, E. J. (1973). Heart rate variability: An index of attentional responsivity in human newborns. *Developmental Psychology*, 8(1), 85.
- Porges, S. W. (1973). Heart rate variability: An autonomic correlate of reaction time performance. *Bulletin of the Psychonomic Society*, 1(4), 270-272.
- Carter, C. S., & Porges, S. W. (1974). Ovarian hormones and the duration of sexual receptivity in the female golden hamster. *Hormones and behavior*, 5(4), 303-315.
- Porges, S. W., Stamps, L. E., & Walter, G. F. (1974). Heart rate variability and newborn heart rate responses to illumination changes. *Developmental Psychology*, 10(4), 507.
- Porges, S. W. (1974). Heart rate indices of newborn attentional responsivity. *Merrill-Palmer Quarterly of Behavior and Development*, 20(4), 231-254.
- Coles, M. G., Porges, S. W., & Duncan-Johnson, C. C. (1975). Sex differences in performance and associated cardiac activity during a reaction time task. *Physiological Psychology*, 3(2), 141-143.
- Porges, S. W., Walter, G. F., Korb, R. J., & Sprague, R. L. (1975). The influences of methylphenidate on heart rate and behavioral measures of attention in hyperactive children. *Child Development*, 727-733.
- Stamps, L. E., & Porges, S. W. (1975). Heart rate conditioning in newborn infants: Relationships among conditionability, heart rate variability, and sex. *Developmental Psychology*, 11(4), 424.
- Porges, S. W. (1976). Cohort effects and apparent secular trends in infant research. *The developing individual in a changing world*, 2, 687-695.
- Porges, S. W. (1976). Ontogenetic comparisons. *International Journal of Psychology*, 11(3), 203-214.
- Porges, S. W. (1976). Peripheral and neurochemical parallels of psychopathology: A psychophysiological model relating autonomic imbalance to hyperactivity, psychopathy, and autism. *Advances in child development and behavior*, 11, 35-65.
- Reese, H. W., & Porges, S. W. (1976). Development of learning process. In V Hamilton and M Vernon, eds. *The Development of Cognitive Processes*. London: Academic Press, 413-447.
- Walter, G. F., & Porges, S. W. (1976). Heart rate and respiratory responses as a function of task difficulty: The use of discriminant analysis in the selection of psychologically sensitive physiological responses. *Psychophysiology*, 13(6), 563-571.
- Cheung, M. N., & Porges, S. W. (1977). Respiratory influences on cardiac responses during attention. *Physiological Psychology*, 5(1), 53-57.
- Porges, S. W., & Humphrey, M. M. (1977). Cardiac and respiratory responses during visual search in nonretarded children and retarded adolescents. *American Journal of Mental Deficiency*.
- Porges, S. W., & Humphrey, M. M. (1977). Heart rate and respiratory responses during visual search in normal and retarded children. In P Mittler, ed. *Research in Practice in Mental Retardation Vol. II: Biomedical Aspects*. Baltimore: University Press, 3, 429-435.

- Graessle, C. A., Ahbel, K., & Porges, S. W. (1978). Effects of mild prenatal decompressions on growth and behavior in the rat. *Bulletin of the Psychonomic Society*, 12(4), 329-331.
- Menedez-Bauer, C., Porges, S. W., Cheung, M. N., Chun, A. J., Bohrer, R. E., Menedez, A., Garcia-Ramos, C., Arroyo, J., & Sammariego-Crespo, J. (1979). Spectral analysis of fetal heart-rate for diagnosing fetal condition. In O Thalhammer, K Baumgarten, and AA. Polleck, eds. *Perinatal Medicine*. Stuttgart, Germany: George Thieme, 265-270.
- Porges, S. W. (1979). Developmental designs for infancy research. In JD Osofsky, ed. *Handbook of Infant Development*. New York: Wiley, 742-765.
- Porges, S. W. (1979). Spectral analysis of the fetal heart rate: A potential method for the detection of fetal distress. In *Infants born at risk*. Spectrum: New York, 17-27.
- Porges, S. W., & Smith, K. M. (1980). Defining hyperactivity: Physiological and behavioral strategies. In CK Whalen and B Henker, eds. *Hyperactive Children: The Social Ecology of Identification and Treatment*. New York: Academic Press, 75-104.
- Porges, S. W., Bohrer, R. E., Cheung, M. N., Drasgow, F., McCabe, P. M., & Keren, G. (1980). New time-series statistic for detecting rhythmic co-occurrence in the frequency domain: The weighted coherence and its application to psychophysiological research. *Psychological Bulletin*, 88(3), 580-587.
- Porges, S. W. (1980). Individual differences in attention: A possible physiological substrate. *Advances in special education*, 2, 111-134.
- Gawron, V.J., & Porges, S.W. (1981). Performance predicted from baseline autonomic functioning. *Proceedings of the 25th Annual Meeting of the Human Factors Society*, 79-92.
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- McCabe, P. M., Porges, S. W., & Carter, C. S. (1981). Heart period variability during estrogen exposure and withdrawal in female rats. *Physiology & behavior*, 26(3), 535-538.
- Porges, S. W., Bohrer, R. E., Keren, G., Cheung, M. N., Franks, G. J., & Drasgow, F. (1981). The influence of methylphenidate on spontaneous autonomic activity and behavior in children diagnosed as hyperactive. *Psychophysiology*, 18(1), 42-48.
- Bohrer, R. E., & Porges, S. W. (1982). The application of time-series statistics to psychological research: An introduction. *Psychological Statistics*. Lawrence Erlbaum Associates; Hillsdale, NJ, 309-345.
- Larson, S. K., & Porges, S. W. (1982) The ontogeny of heart period patterning in the rat. *Developmental Psychobiology: The Journal of the International Society for Developmental Psychobiology*, 15(6), 519-528.
- Porges, S. W., & Coles, M. G. H. (1982). Individual differences in respiratory-heart period coupling and heart period responses during two attention-demanding tasks. *Physiological Psychology*, 10(2), 215-220.
- Porges, S. W., McCabe, P. M., & Yongue, B. G. (1982). Respiratory-heart rate interactions: Psychophysiological implications for pathophysiology and behavior. In J Cacioppo and R Petty, eds. *Perspectives in Cardiovascular Psychophysiology*. New York: Guilford, 223-264.
- Yongue, B. G., McCabe, P. M., Porges, S. W., Rivera, M., Kelley, S. L., & Ackles, P. K. (1982). The Effects of Pharmacological Manipulations that Influence Vagal Control of the Heart on Heart Period, Heart-Period Variability and Respiration in Rats. *Psychophysiology*, 19(4), 426-432.
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- Porges, S. W. (1983). Heart rate patterns in neonates: A potential diagnostic window to the brain. *Infants born at risk: physiological, perceptual and cognitive processes*, 3-22.

- Donchin, Y., Caton, D., & Porges, S. W. (1984). Spectral analysis of fetal heart rate in sheep: The occurrence of respiratory sinus arrhythmia. *American journal of obstetrics and gynecology*, *148*(8), 1130-1135.
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- Greenspan, S. I., & Porges, S. W. (1984). Psychopathology in infancy and early childhood: Clinical perspectives on the organization of sensory and affective-thematic experience. *Child Development*, *55*(1), 49-70.
- Porges, S. W. (1984). Heart rate oscillation: An index of neural mediation. *Psychophysiological perspectives: Festschrift for Beatrice and John Lacey*, 229-241.
- Porges, S. W. (1984). Physiologic correlates of attention: a core process underlying learning disorders. *Pediatric Clinics of North America*, *31*(2), 371-385.
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- Fox, N. A., & Porges, S. W. (1985). The Relationship between Neonatal Heart Period Patterns and Developmental Outcome. *Child Development*, *56*(1), 28-37.
- McCabe, P. M., Yongue, B. G., Ackles, P. K., & Porges, S. W. (1985). Changes in heart period, heart-period variability, and a spectral analysis estimate of respiratory sinus arrhythmia in response to pharmacological manipulations of the baroreceptor reflex in cats. *Psychophysiology*, *22*(2), 195-203.
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- Porges, S. W. (1985). Respiratory sinus arrhythmia: An index of vagal tone. *Psychophysiology of cardiovascular control: Models, methods, and data*, 437-450.
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- Porges, S. W. (1985). The Vagal tone monitor: Application in sleep research. in *IEEE transactions on biomedical engineering*, *32*(10), 893-893.
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- Porges, S. W., & Fox, N. A. (1986). Developmental psychophysiology. In MGH Coles, E Donchin, and SW Porges, eds. *Psychophysiology: Systems, Processes, and Applications*. New York: Guilford, 611-625.
- Porges, S. W. (1986). Data analysis in the frequency domain. In MGH Coles, E Donchin, and SW Porges, eds. *Psychophysiology: Systems, Processes, and Applications*. New York: Guilford, 206-211.

- Porges, S. W. (1986). Respiratory sinus arrhythmia: Physiological basis, quantitative methods, and clinical implications. In *Cardiorespiratory and cardiosomatic psychophysiology* (pp. 101-115). Springer, Boston, MA.
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- Porges, S. W. (1987). The measurement of cardiac vagal tone: Physiological bases and clinical implications. *Proceedings of the Ninth Annual Conference of IEEE Engineering in Medicine and Biology Society*, 165-166.
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### ***Scholarships and Awards***

- National Institute of Mental Health Research Fellow (8/69-8/70)
- National Institute of Mental Health Research Scientist Development Award (Type II: 7/75-12/80, 12/81-8/85)
- Fellow, American Psychological Association (Divisions 6 and 7)
- Charter Member, Emeritus, and Fellow, Association for Psychological Science
- Edna Reiss – Sophie Greenberg Chair (9<sup>th</sup> annual), recognizing outstanding professionals in the field of child/adolescent mental health (2013)
- Pierre Janet Plenary Address (2013)
- Lifetime contribution to psychophysiology awarded by the Biofeedback Foundation of Europe (2014)
- B.F. Skinner Lecture to the Association of Behavioral Analysis International (2014)
- Pioneer Award, United States Association of Body Psychotherapy (2018)
- Lifetime Achievement Award, The Association for Training on Trauma and Attachment in Children (ATTACH) (2021)
- Highland Park High School Hall of Honor (2022)
- Distinguished Scientist Award, Association for Applied Psychophysiology and Biofeedback (2023)
- Distinguished Pioneer Award, The Association for Comprehensive Energy Psychology (2024)
- Mental Health Hall of Fame, 4<sup>th</sup> World Congress on Psychology and Psychotherapy (2024)

### ***Professional Societies***

- American Psychological Association (emeritus)
- Association for Psychological Science (emeritus)
- Society for Psychophysiological Research (emeritus)

### ***Professional Service***

- National Institute for Child Health and Human Development*
- Maternal and Child Health Research Committee (1991-1995)
- Chair, Maternal and Child Health Research Committee (1994-1995)
- Society for Psychophysiological Research*
- President-Elect (1992), President (1993), Past-President (1994)
- Secretary-Treasurer (1975-1978)
- Board of Directors (1975-1979, 1986-1989)
- Ad Hoc Education and Training Committee (1992-1994)
- Ad Hoc Committee on Psychophysiology as a Discipline (1994)
- Awards Committee (1992-1994)
- Convention Site Chair (1980-1983)
- Program Committee (1974, 1986)
- Young Investigator Award Committee (1981, 1982)

Nominations Committee Chair (1996)  
Representative to the Federation of Behavioral, Psychological and Cognitive Sciences  
(1996-1999)

*International Conference on Infant Studies*

Program Chairman (1980)  
Program Committee (1982, 1984, 1986, 1988, 1990, 1992, 1994, 1996, 1998, 2000)

*Society for Research in Child Development*

Program Committee (1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997, 1999, 2001)  
Representative to the Federation of Behavioral, Psychological and Cognitive Sciences  
(1991-1999)

*The National Academies U.S. National Committee for the International Union of Psychological  
Science (2006-2009)*

*Federation of Behavioral, Psychological and Cognitive Sciences*

President (1999-2002); Past President (2003)  
Animal Welfare Committee (1986-1990)  
Forum on Research Management (1991-1993)  
Chair of Forum on Research Management (1993)  
Nominations Committee (1993)  
Executive Committee (1994-1997, (2005-2006)

***Editorial Duties***

*Associate Editor:*

Psychophysiology (1983-1987)

*Editorial Board:*

Infant Behavior and Development (1977-1992)  
Child Development (1978-1980)  
Developmental Psychobiology (1985-1991, 1995-1999)  
Journal of Applied Developmental Psychology (1993-2014)  
Developmental Review (2000-2014)

*Series Co-editor:*

Benchmark Papers in Behavior (1979-1983)