

## CURRICULUM VITA

NAME: Robert B. Cairns

DATE OF BIRTH: 25 August 1933

PLACE OF BIRTH: Los Angeles, CA

### EDUCATION:

Pasadena College	Pasadena, CA	AB	1951-55	Psychology/Math
Stanford University	Stanford, CA	PhD	1955-60	Psychology
Stanford Medical School	San Francisco	Internship	1957-58	General Clinical
Alameda Co. Probation	San Leandro, CA	Internship	1958-59	Clinical-child
Jackson Laboratory	Bar Harbor, ME	Visiting Scientist	1965-66	Development/genetics

### HONORS AND AWARDS :

Magna cum laude (Pasadena College, 1955)  
Sigma Xi (Stanford University, 1958)  
Special Fellow of the National Institutes of Health (1965-66)  
Fellow, American Psychological Association (1973-)  
Fellow, American Association for the Advancement of Science (1975-)  
Fellow, American Psychological Society (1996-)  
Senior Scholar of the Spencer Foundation (1990-1995)  
Ph.D. *honoris causa*, University of Stockholm (1995)  
Alumni Award for Lifetime Achievement, Pasadena College (1996)  
Best Book Award of the International Society for the Study of Aggression (1996)  
NIMH Advisory Committee on Neurobiology and Behavior (1996-97)  
Chair, AAAS McGovern Award (Behavior and Neurosciences) (1997-00)  
Tyler Lecturer, University of Oregon (1997)  
Advisory Board, Sackler Foundation on Behavioral Neurobiology, Cornell University (1998-00)  
G. Stanley Hall Award, American Psychological Association (1998)

### TEACHING/RESEARCH APPOINTMENTS:

1959-61 Instructor to Assistant Professor, Department of Psychology, University of Pennsylvania, Philadelphia  
1961-63 Assistant Professor, Department of Psychology, Indiana University  
1964-69 Associate Professor, Department of Psychology, Indiana University  
1969-73 Professor, Department of Psychology, Indiana University, Bloomington  
1992-93 Professor, Departments of Psychology, Sociology, and Psychiatry, UAB  
1973-92 Professor, Department of Psychology, University of North Carolina at Chapel Hill  
1992-99 Cary C. Boshamer Professor, Psychology, UNC-Chapel Hill

#### ADMINISTRATION:

- 1968-73 Director, Developmental Psychology Doctoral Program, Department of Psychology, Indiana University, Bloomington, IN
- 1968-73 Director, Animal Behavior Laboratory, Indiana University, Bloomington, IN
- 1968-73 Project Director, Center for the Innovative Teaching of the Handicapped, School of Education, Indiana University, Bloomington.
- 1973-80 Director, Developmental Psychology Doctoral Program, University of North Carolina at Chapel Hill
- 1987-99 Director, Carolina Consortium on Human Development, University of North Carolina at Chapel Hill
- 1993-99 Director, Center for Developmental Science, University of North Carolina at Chapel Hill

#### BRIEF APPOINTMENTS:

- 1955-56 Teaching Assistant, Department of Psychology, Stanford University
- 1956-57 VA Clinical Trainee, Veteran's Administration Hospital, Palo Alto, CA
- 1957-58 NIMH Clinical Psychology Trainee, Stanford University Medical School
- 1958-59 NIMH Clinical Psychology Trainee, Alameda County Probation, San Leandro, CA
- 1965-66 Visiting Scientist, Jackson Laboratory (Bar Harbor, ME)
- 1977-78 Fellow, Center for Interdisciplinary Study (Bielefeld, West Germany)
- 1969-70 Visiting Scholar, University of California (Irvine, CA)
- 1979 Richard H. Walters Memorial Lecture, Waterloo University (Waterloo, Canada)
- 1981 Distinguished Scientist Lecture, Michigan State University (Lansing, MI)
- 1986 Faculty, Sommerakademie Entwicklungspsychologie (Gunzberg)
- 1987 Faculty, International School of Ethology (Erice-Trapani, Italy)
- 1986 Lecturer, ISSBD Summer Institute in Developmental Psychology, Prague
- 1990 Visiting Scientist, Stockholm University, Sweden
- 1991 Kramer Memorial Lecture, The Pennsylvania State University, State College
- 1992 Keynote Lecturer on Developmental Science, University of Mexico, Mexico City
- 1994 Nobel Foundation Symposium, Stockholm, Sweden
- 1994 Lecturer, ISSBD Summer Institute in Developmental Psychology, Tartu, Estonia
- 1994 Smithsonian Institution Lecturer (Genetics and Behavior), Washington, DC
- 1995 Ciba Foundation Symposium (Genetics and Criminal Behaviour) London
- 1995 Visiting Professor, University of São Paulo, Brazil
- 1995 Plenary Lecturer, Brazilian Association for the Advancement of Science
- 1996 Keynote Lecturer, Canadian Conference on Development
- 1998 Plenary Lecturer, Society for Prevention

#### AFFILIATIONS:

- American Association for the Advancement of Science (Fellow)
- American Psychological Association (Fellow)
- American Psychological Society (Fellow)
- Animal Behavior Society
- International Society for the Study of Aggression
- International Society for the Study of Behavioral Development
- Society for Research in Child Development

#### ADVISORY COMMITTEES AND REVIEW PANELS:

Chair, Advisory Committee, Center for Research on Chronic Illness in Vulnerable People. UNC School of Nursing (1997-2002)  
Special Consultant on Research in Biology and Behavior, Division of Neuroscience and Behavior, NIMH (1995)  
Special Advisory Panel on Violence Research for the Director on the National Institute of Health (1993-1994)  
Advisory Panel on Academic Research, University of North Carolina at Chapel Hill (1995-)  
Research Review Committee for Criminal and Violent Behavior, National Institute of Mental Health (1990-1995)  
Advisory Committee on Prevention Research, NIMH, (1994-1999)  
Member, AAAS Program Committee (1997-00)  
NIMH Prevention Research Review Panel (CAPR) (1997-01)  
Co-Chair, Task Force on Measurement, Program on Human Development and Criminal Behavior (1990-92)  
External Advisor to the Director (1988-89) National Institute of Mental Health (Extramural Science Advisory Board)  
Woodrow Wilson National Fellowship Foundation (1988-92) Selection Panel for Spencer Foundation Dissertation-Year Fellows  
Maternal and Child Health Research Committee, National Institute of Child Health and Human Development (1981-1985)  
National Science Foundation Graduate Fellowship Selection Panel (Chair, Psychology, 1976-1977; Member, 1973-1977, 1996)  
Consultant (1980-1987): NIMH; NICHD; State of Louisiana Board of Regents  
Consultant (1968-1970): Presidential Commission on Obscenity and Pornography  
Occasional Reviewer: Canada Council, NSERC, NSF (Social and Developmental; Psychobiology), NIMH, NICHD, W. T. Grant Foundation, Spencer Foundation.

#### SCIENTIFIC JOURNAL EDITORIAL:

##### Guest Editor:

*Social Development* (special issue on the development of social networks, July, 1996)

##### Consulting Editor:

*Psychological Science* (1989- ); *Journal of Comparative and Physiological Psychology* (1974-1982); *Child Development* (1963-1968, 1973); *Developmental Review* (1980-1985); *Behavioral Assessment* (1981-1982); *Merrill-Palmer Quarterly* (1980-1986)

##### Referee:

*Aggressive Behavior, American Psychologist, Animal Behaviour, Animal Learning and Motivation, Child Development, Developmental Psychobiology, Developmental Psychology, Journal of Child Psychology and Psychiatry, Journal of Experimental Child Psychology, Journal of Personality and Social Psychology, Journal of the History of the Behavioral Sciences, Psychological Review, Science*

#### PUBLICATIONS:

Cairns, R. B. (1959). The deviation test. In A. Bandura & R. H. Walters, *Adolescent aggression* (pp. 447-458). New York: Ronald Press.

- Cairns, R. B. (1961). The influence of dependency inhibition on the effectiveness of social approval. *Journal of Personality*, 29, 466-488.
- Cairns, R. B., Paul, J. C. N., & Wishner, J. (1961). Sex censorship: The assumptions anti-obscenity laws and the empirical evidence. *Minnesota Law Review*, 46, 1009-1041. (Reprinted in *Publishing Entertainment Advertising Law Quarterly*, 1964-65, 4, 499-520.)
- Cairns, R. B., & Lewis, M. (1962). Dependency and the reinforcement value of a verbal stimulus. *Journal of Consulting Psychology*, 26, 1-8.
- Cairns, R. B., & Johnson, D. L. (1965). The development of interspecies social preferences. *Psychonomic Science*, 2, 337-338. [Reprinted in R. E. Ulrich & P. T. Mountjoy (Eds.), *The experimental analysis of social behavior*, (pp. 274-279). New York: Appleton-Century-Crofts, 1972.]
- Cairns, R. B. (1966). Attachment behavior of mammals. *Psychological Review*, 72, 409-426.
- Cairns, R. B. (1966). Development, maintenance, and extinction of social attachment behavior in sheep. *Journal of Comparative and Physiological Psychology*, 62, 298-306. [Reprinted in R. Parke (Ed.), *Readings in social development*, pp. (58-73). New York: Holt, Rinehart, & Winston, 1970.]
- Cairns, R. B. (1967). The information properties of verbal and nonverbal events. *Journal of Personality and Social Psychology*, 5, 353-357.
- Cairns, R. B., & Werboff, J. (1967). Behavior development in the dog: An interspecific analysis. *Science*, 158, 1070-1072. [Reprinted in V. E. Dennenberg (Ed.), *The development of behavior*, Stamford, Conn.: Sinuaer, 1972.]
- Cairns, R. B. (1968). For the child buyers. (Review of *The causes of behavior II*, by J. F. Rosenblith & W. Allinsmith, and *Behavior in infancy and childhood*, ed. by Y. Brackbill & G. Thompson). *Contemporary Psychology*, 13, 604.
- Hafez, E. S. E., Cairns, R. B., Hulet, C. F., & Scott, J. P. (1969). The behavior of sheep and goats. In E. S. Hafez (Ed.), *Behavior of domestic animals* (2nd ed.). Baltimore: Williams & Wilkins.
- Cairns, R. B., & Proctor, S. (1968). Selective reinforcement of response speeds in children. *Journal of Experimental Psychology*, 77, 168-170.
- Cairns, R. B. (1968). Behavior: A question of influence. *Science*, 161, 522-523.
- Cairns, R. B. (1970). Towards a unified science of development (Review of *Early experience: Comparative and developmental approaches*, ed. by H. W. Stevenson, E. H. Hess, & H. R. Rheingold). *Contemporary Psychology*, 214-215.
- Fleener, D. E., & Cairns, R. B. (1970). Attachment behaviors in human infants: Discriminative vocalization upon maternal separation. *Developmental Psychology*, 2, 215-223.
- Cairns, R. B., & Nakelski, J. S. (1970). On fighting in mice: Situational determinants of intragroup dyadic stimulation. *Psychonomic Science*, 18, 16-17.
- Cairns, R. B. (1970). Meaning and attention as determinants of social reinforcement effectiveness. *Child Development*, 41, 1067-1082.

- Cairns, R. B. (1971). Ontogeny and phylogeny: A behavioral integration. (Review of *Development and evolution of behavior: Essays in memory of T. C. Schneirla*, ed. by L. Aronson, E. Tobach, D. Lehrman, & J. S. Rosenblatt), *Science*, 171, 270-271.
- Cairns, R. B., & Paris, S. G. (1971). Informational determinants of social reinforcement effectiveness among retarded children. *American Journal of Mental Deficiency*, 76, 362-369.
- Cairns, R. B. (1971). Psychological assumptions in sex censorship: An evaluative review of recent (1961-68) research. *Technical reports of the Commission on Obscenity and Pornography* (Vol. 1, pp. 5-21). Washington, D.C.: U. S. Government Printing Office. [Reprinted in *Com. Doc. No. 52, National Commission on Reform of Federal Criminal Laws: Obscenity Controls.*]
- Cairns, R. B., & Nakelski, J. S. (1971). On fighting in mice: Ontogenetic and experiential determinants. *Journal of Comparative and Physiological Psychology*, 71, 354-364.
- Warren, V. L., & Cairns, R. B. (1972). Social reinforcement satiation: An outcome of frequency or ambiguity? *Journal of Experimental Child Psychology*, 13, 249-260.
- Paris, S. G., & Cairns, R. B. (1972). An experimental and ethological investigation of social reinforcement in retarded children. *Child Development*, 43, 717-729.
- Gewirtz, J. L., & Cairns, R. B. (1972). Summary and conclusions. In J. L. Gewirtz (Ed.), *Attachment and dependency*. Washington, D.C.: Winston.
- Cairns, R. B. (1972). Attachment and dependency: A synthesis of social learning and psychobiology. In J. L. Gewirtz (Ed.), *Attachment and dependency* (pp. 29-80). Washington, D.C.: Winston.
- Cairns, R. B. (1972). Ontogenetic contributions to aggressive behavior: In F. J. Monks, W. W. Hartup, & J. DeWitt (Eds.), *Determinants of behavioral development* (pp. 395-400). New York: Academic Press.
- Cairns, R. B., & Scholz, S. D. (1973). On fighting in mice: Dyadic escalation and what is learned. *Journal of Comparative and Physiological Psychology*, 85, 540-550.
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- Cairns, R. B. (1977). Beyond attachment: The dynamics of interactional development. In T. Alloway, P. Pliner, & L. Krames (Eds.), *Attachment behavior*. New York: Plenum.
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- Cairns, R. B. (1978). Beyond attachment? *Behavioral and Brain Sciences*, 3, 441-442.
- Bakeman, R., Cairns, R. B., & Appelbaum, M. (1979). Note on describing and analyzing interactional data: Some first steps and common pitfalls. In R. B. Cairns (Ed.), *The analysis of social interaction: Methods, issues, and illustrations*. Hillsdale, N.J.: Lawrence Erlbaum Associates.

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- Cairns, R. B. (1979). (Ed.). *The analysis of social interaction: Methods, issues, an illustrations*. Hillsdale, N.J.: Lawrence Erlbaum Associates.
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- Cairns, R. B. (1979). *Social development: The origins and plasticity of social interchanges*. San Francisco: Freeman.
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- Cairns, R. B. (1979). Child or adult: Who is the more adaptable? (Review of *Children affect adults*, by R. Bell & L. Harper). *Contemporary Psychology*, 14, 353-354.
- Cairns, R. B. (1980). Developmental theory before Piaget: The remarkable contributions of James Mark Baldwin. *Contemporary Psychology*, 25, 438-440.
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- Cairns, R. B. (1983). The emergence of developmental psychology. In P. H. Mussen (Gen. Ed.) and W. Kessen (Ed.), *Handbook of Child Psychology*. (pp. 41-102). Vol. 1, 4th ed. New York: Wiley.
- Cairns, R. B., MacCombie, D. J., & Hood, K. E. (1983). A developmental-genetic analysis of aggressive behavior in mice: I. Behavioral outcomes. *Journal of Comparative Psychology*, 97, 69-89.

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- Cairns, R. B., & Cairns, B. D. (1986). On social values and social development: Gender and aggression. In L. Frederick-Cofer (Ed.), *Human nature and public policy: Scientific views of women, children, and families* (pp. 177-201). New York: Praeger.
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- Gariépy, J-L., Hood, K. E., & Cairns, R. B. (1988). A developmental-genetic analysis of aggressive behavior in mice: III. Behavioral mediation by heightened reactivity or immobility? *Journal of Comparative Psychology*, *102*, 392-399.
- Hood, K. E., & Cairns, R. B. (1988). A developmental-genetic analysis of aggressive behavior in mice. II. Cross-sex inheritance. *Behavior Genetics*, *18*, 605-619.
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- Cairns, R. B., & Gariépy, J-L. (1989). Developmental timing and the microevolution of aggression. In P. F. Brain, D. Mainardi, & S. Parmigiani (Eds.), *House mouse aggression: A model for understanding the evolution of social behaviour* (pp. 273-292). London: Harwood Academic Publishers.
- Hood, K. E., & Cairns, R. B. (1989). A developmental-genetic analysis of aggressive behavior in mice: IV. Genotype-environment interaction. *Aggressive Behavior*, *15*, 361-380.
- Cairns, R. B., Cairns, B. D., & Neckerman, H. J. (1989). Early school dropout: Configurations and determinants. *Child Development*, *60*, 1437-1452.
- Sadowski, L. S., Cairns, R. B., & Earp, J. A. (1989). Firearm ownership among nonurban adolescents. *American Journal of Diseases of Children*, *143*, 1410-1413.
- Cairns, R. B., Gariépy, J-L., & Hood, K. E. (1990). Development, microevolution, and social behavior. *Psychological Review*, *97*, 49-65.
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