

1. Record Nr.	UNINA9910633930403321
Titolo	Biographical history of behavioral neuroendocrinology / / Randy Joe Nelson, Zachary M. Weil, editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
ISBN	3-031-12970-9
Descrizione fisica	1 online resource (463 pages)
Disciplina	152
Soggetti	Human behavior - Endocrine aspects Neuroendocrinology Neuroendocrinologia Conducta (Psicología) Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Foreword -- Contents -- Contributors -- 1: Arnold Adolph Berthold -- References -- 2: Frank Lillie -- Childhood and Family History -- Education and Family Life -- A Distinguished Career -- Research Overview -- Marine Embryology -- Chick Embryology and Sexual Differentiation -- Freemartinism -- Brown Leghorn Sexual Differentiation -- Involvement in the Eugenic Society -- Conclusion -- References -- 3: Calvin Perry Stone -- References -- 4: Josephine Ball -- References -- 5: William Caldwell Young -- References -- 6: Dorothy Price -- References -- 7: Frank A. Beach -- References -- 8: Arnold A. Gerall -- References -- 9: Roger A. Gorski -- References -- 10: Robert W. Goy -- Goy's Early Career -- Phoenix, Goy, Gerall, and Young, 1959 and Beyond -- Monkey Studies and the Move to the Oregon Regional Primate Research Center -- The Organizational Hypothesis and the Ramsterig -- Director Wisconsin Regional Primate Research Center -- Other Contributions to Behavioral Neuroendocrinology -- Editor of Hormones and Behavior -- The Aromatization Hypothesis -- Masculinization, Defeminization, and Bisexuality -- Socialization and Sex Differences in Social Behavior

-- Timing of Androgen Exposure and Separation of Effects on Genitalia and Behavior -- References -- 11: Charles H. Phoenix -- References -- 12: Daniel Sanford Lehrman -- Background of this Historical Biography -- Lehrman Legends -- Legend: Lehrman's Attitudes to Grades and Requirements -- Legend: Lehrman's Amazing Lecturing and Speaking Abilities -- Lehrman's Mermaid and Minotaur -- Legendary Lehrman Meals -- Legend: Lehrman Offered Freedom to Others -- Lehrman's Legendary Loyalty -- Lehrman's Scientific Contributions -- Neural and Neuroendocrine Basis of Reproductive Behavior -- Learning -- Motivation -- Current Status of Issues Addressed by Lehrman -- Lasting Aspects of Lehrman's Work. Standing on the Shoulders of Giants -- References -- 13: Jay S. Rosenblatt -- Introduction -- Three Faces -- The Painter -- The Analyst -- The Scientist -- Professional and Personal Recognition and Appreciation -- References -- 14: Peter Robert Marler -- References -- 15: Julian M. Davidson -- Early Years -- Academics -- Behavioral Neuroendocrinology: Rodents -- Behavioral Neuroendocrinology: Humans and Hyenas -- References -- 16: Stephen E. Glickman -- Early Influences and Education -- Junior Professorships -- Life and Professorship in Berkeley -- Establishing the Berkeley Hyena Project: A Collaborative Network for an "Experiment of Nature" -- The Ontogeny of Sex Differences in Spotted Hyenas -- Identifying the Mechanisms of Sex Differences in Unusual Species -- Colony Closure -- Service and Teaching -- Other Contributions -- References -- 17: Mary F. Dallman -- Introduction -- Glucocorticoid Negative Feedback -- Facilitation of Stress Responses -- Metabolic Interactions with the Stress Axis -- Other Major Contributions -- Conclusions -- References -- 18: Benjamin D. Sachs -- Sachs' Early Years -- Preparation for Graduate School? -- Graduate and Postgraduate Years -- Not Sold in Storrs -- The Making of a Fondateur (or Slaying the Dragon) -- You Can't Be a Carpenter Without a Hammer -- Penile Responses and Copulation -- Organic Versus Psychogenic Erections -- Conclusions: A Scholar's Life -- References -- 19: Ronald J. Barfield -- References -- 20: Lynwood George Clemens -- In the Beginning -- Organizational Effects of Gonadal Hormones -- Activational Effects of Gonadal Hormones on Sexual Behavior -- Advancing the Field Through Networking and Mentoring -- Conclusion -- References -- 21: Bruce S. McEwen -- Early Life and Scientific Foundations -- Understanding How Adrenal and Gonadal Hormones Can Impact the Brain.  
The Impact of the Environment on the Brain -- Long-Term Consequences of Early Childhood Experiences -- Conclusions -- References -- 22: Donald W. Pfaff -- References -- 23: Eberhard Gwinner -- Circannual Research -- Photoperiodic and Circadian Contributions to Annual Timing -- Comparative Studies of Photoperiodism and Annual Cycles -- Extending the Scope of Annual Physiology: Hormones, Metabolism, and Cognition -- Circadian Research and Melatonin -- A Visionary of Inclusive Leadership -- A Lasting Legacy: Clocks in a Changing World -- References -- 24: Irving Zucker -- McGill University (1957-1961) -- University of Chicago (1961-1964) -- Oregon (1964-1966) -- Berkeley (1966-2022) -- References -- 25: Bruce D. Goldman -- References -- 26: Norman Adler -- References -- 27: Mei-Fang Cheng -- References -- 28: Ingeborg L. Ward -- Introduction -- Perinatal Exposure to Steroid Hormones Modifying Later Behavioral Potential -- Prenatal Stress and Hormonal Surges -- The Ward Lab -- References -- 29: Rae Silver -- Stewardship and Advocacy -- References -- 30: Michael J. Baum -- Early Years -- Graduate Years (1965-1970) -- The Dutch Years (1970-

1977) -- Back to the USA -- Reflex Ovulation: Ancient History? -- Abandoning the Ferrets and Hopping on the Mouse Bandwagon -- Other Important Accomplishments -- Conclusion -- References -- 31: C. Sue Carter -- Early Life, Education, and Training -- Institutions, Promotions, and Leadership Positions -- Scientific Impact and Key Contributions to the Field of Behavioral Neuroendocrinology -- A Family of Accomplished Academicians and Professionals -- Conclusion -- References -- 32: Elizabeth Adkins-Regan -- References -- 33: Arthur P. Arnold -- Early Years -- Education -- Career -- Mid-Career Transformation -- Teaching and Mentoring -- Honors -- The Present and Future -- References -- 34: Alison Sarah Fleming. Experiential and Hormonal Changes -- Early Life Experiences -- Summary -- References -- 35: David Crews -- Early History -- Research -- Nature's Own Experiments -- Neural Regulation of Sexual Behavior: Serendipity Favors the Prepared Mind -- Behavioral Neuroendocrinology: Pursuit of Novelty -- Temperature-Dependent Sex Determination: Questions, Not Species -- Transgenerational Epigenetics: How the Past Can Influence the Future -- Achievements, Awards, and Accomplishments -- References -- 36: Martha K. McClintock -- The Roots of Creativity and Curiosity -- Doctorate and Norman Adler at the University of Pennsylvania -- From Doctorate to Residency -- Faculty Appointment at the University of Chicago -- Becoming a Teacher -- Changing the Landscape of Neuroscience Through Collaborations and Architecture -- Institute for Mind and Biology at the University of Chicago -- Center for Interdisciplinary Health Disparities Research (CIHDR) -- Menstrual Synchrony, Mate Choice, and Vasanas -- Olfaction and Aging -- Epilogue -- References -- 37: Kim Wallen -- Effects of Social/Environmental Context on Adult Female Sexual Behavior: Activational Effects on Estrogens -- Effects of Social Context on Sex Differences in Behavior: Organizational Effects of Androgens -- Recent Research Contributions to Behavioral Neuroendocrinology -- Conclusion -- References -- 38: John Charteris Wingfield -- The Challenge Hypothesis -- Regulation of Seasonal Breeding -- Coping with a Capricious Environment: The Emergency Life-History Stage -- Conclusion -- References -- 39: Jacques Balthazart -- References -- 40: Andrew Howard Bass -- References -- 41: Judith M. Stern -- Early Life and Education -- Rutgers' Institute of Animal Behavior: Hormonal Control of Ring Dove Reproduction -- Postdoc at Stanford University: Postpartum Stress and Developmental Psychobiology. Independent Research Career and Professional Struggles -- Sensory Regulation of Maternal Behavior -- Conclusion -- References -- 42: Hidden Gems in Neuroendocrinology and Behavior -- Introduction -- Percy Lavon Julian (Fig. 42.1) -- Education and Early Career -- Later Life -- Impact on the Field -- Lilian Burwell Lewis (Fig. 42.2) -- Eleanor Lutia Ison-Franklin (Fig. 42.3) -- Education and Early Career -- Later Life -- Impacts on the Field -- Ruth Smith Lloyd (Fig. 42.4) -- Education and Early Career -- Later Life -- Impacts on the Field -- Robert W Harris III (Fig. 42.5) -- The Powerful Role of Stress Hormones -- Education and Early Career -- Later in Life -- Impact on the Field: The Powerful Role of the Stress Hormones -- Antonio Alberto Nuñez (Fig. 42.6) -- Early Career -- Later in Life/Impacts on the Field -- Gregory Florant -- What to Do When It Gets Cold: A Seasonal Solution -- Education and Early Career -- Later in Life -- Impact on the Field -- Barrier Breakers -- Historical Roles for Black Colleges and Universities -- Societal Restraints on Jobs and Research Funding -- Stony the Road We Trod: To a Brighter Future -- References -- Index.

