

Curriculum Vita
of
BRUCE H. LIPTON

DATE AND PLACE OF BIRTH:

October 21, 1944; Mt. Kisco, New York

FORMAL EDUCATION:

- 1962-1966 B.A., Biology major, C.W. Post College of Long Island University, Brookville, NY
- 1966-1971 Ph.D. in Developmental Cell Biology, University of Virginia, Charlottesville, VA.
Thesis Title: Myogenesis in Cell Culture: An ultrastructural study. Mentor: Dr. I.R. Konigsberg.
- 1966 (Summer) Field work at Mt. Lake Biological Station, University of Virginia, Mt. Lake, VA. Studies on Animal Behavior and Population Genetics.

ACADEMIC POSITIONS AND FELLOWSHIPS:

- 1966 National Science Foundation Traineeship, Mt. Lake Biological Station, Univ. of VA.
- 1968-1971 National Institutes of Health Pre-doctoral Traineeship, University of Virginia, Charlottesville, VA.
- 1968 Biological Stain Commission Fellow, University of Virginia, Charlottesville, VA.
- 1972-1973 Department of Health, Education and Welfare Post-doctoral Trainee, Department of Zoology, University of Texas, Austin, TX. Mentor: Dr. Antone G. Jacobson.
- 1973-1979 Assistant Professor of Anatomy, University of Wisconsin School of Medicine, Madison, WI.
- 1979-1982 Associate Professor of Anatomy, University of Wisconsin School of Medicine, Madison, WI.
- 1983-1986 Professor of Anatomy, St. George's University School of Medicine, University Centre, Grenada (West Indies).
- 1987-1988 Senior Research Associate, American Health Assistance Foundation Grant (awarded to Dr. Theodore Hollis), Department of Biology, Penn State University, University Park, PA.
- 1988-1992 Stanford Scholar, Cutaneous Biology Program, Departments of Dermatology and Pathology, Stanford University Medical Center, Stanford, CA.
- 1991-1992 Visiting Professor of Anatomy, St. George's University School of Medicine, University Centre, Grenada. Histology, Cell Biology, and Embryology
- 1991-1993 Director, Inst. for Cellular Communication, Univ. of the Trees, Boulder Creek, CA.
- 1993 Visiting Professor of Anatomy, University of Puerto Rico, San Juan, PR. Histology, Cell Biology and Embryology
- 1994-1997 Adjunct Professor, J. F. Kennedy University, Orinda, CA
- 1995-1998 Adjunct Professor, Life Chiropractic College West, San Lorenzo, CA
- 1999-Present Visiting Faculty, Palmer College of Chiropractic, Davenport, IA

NON-ACADEMIC POSITIONS:

1979-1984 Founder and President of LASER GROUP, INC., research, development and application of laser projection technology.

TEACHING EXPERIENCE:

1973-1993 Histology-Cell Biology (Univ. of Wisconsin, St. Georges University, UPR, San Juan), for first year medical students and graduate students.

1976-1979 Gross Anatomy for Nurses (University of Wisconsin), participant in team

1991-1992 Medical Embryology (St. George's University School of Medicine)

1987 Human Physiology-Biology 41 (Penn State University).

1991 Physiology 472 Graduate Level Course (Penn State University)

1994-1997 The Biology of Consciousness (an elective course, JFK Univ.)

1995-2000 Fractal Biology (CEU program for Life Chiropractic College West)

2001-Present Biology of Complementary Medicine (US and Canadian workshops for health professionals, sponsored by *Spirit 2000*)

GRADUATE STUDENTS TRAINED:

Kristin M. Miller - earned M.S. in Anatomy (U.W.), 1978.

Mark R. Emmerling - earned Ph.D. in Neuroscience (U.W.), 1981.

PROFESSIONAL SOCIETIES:

American Association for the Advancement of Science

American Institute of Hypnotherapy, Board Member

Association for Prenatal and Perinatal Health and Psychology, Board Member

SERVICE - PROFESSIONAL AND PUBLIC:

Staff member (Trainer) of N.I.H. Developmental Biology Training Program Grant, University of Wisconsin, 1978-1981.

Organizer and convener of 2nd CONFERENCE ON MUSCLE DEVELOPMENT AND REGENERATION, held at the Rockefeller University (N.Y.) in February, 1978. Also served as editor of the proceedings of that conference, subsequently published by Raven Press of New York.

Co-organizer for the Developmental Biology Society national meeting held in Madison, WI, 1978.

Editor and advisory consultant for Lange Medical Publications of Los Altos, California, 1976-1983.

Coordinator for developing Independent Study/Self-Teaching Program Modules in Anatomy and Embryology. Creation of self-assessment training programs of medical students utilizing computerized integration of audio-visual media. St. George's University, 1985-1986.

Board of Advisors, Friends of the Institute of Noetic Sciences

Board of Advisors, Association for Prenatal and Perinatal Psychology and Health

RESEARCH PUBLICATIONS: Full Reports Only

- Lipton, B. H. and I. R. Konigsberg 1972 A fine structural analysis of the fusion of myogenic cells. *Journal of Cell Biology*, 53:348-363.
- Lipton, B. H. and A. G. Jacobson 1974 Analysis of normal somite development. *Developmental Biology*, 38:73-90.
- Lipton, B. H. and A. G. Jacobson 1974 Experimental analysis of the mechanisms of somite morphogenesis. *Developmental Biology*, 38:91-103.
- Konigsberg, U. R., B. H. Lipton and I. R. Konigsberg 1975 The regenerative response of single mature muscle fibers isolated *in vitro*. *Developmental Biology*, 45:260-275.
- Phillips, M. H., M. S. Steinberg and B. H. Lipton 1977 Embryonic tissues as elastico-viscous liquids: II Direct evidence for cell slippage in centrifuged aggregates. *Developmental Biology*, 59:124-134.
- Prior, D. J. and B. H. Lipton 1977 An ultrastructural study of peripheral neurons and associated non-neural structures in the bivalve mollusc, *Spisula solidissima*. *Tissue and Cell*, 9:223-240.
- Lipton, B. H. 1977 A fine structural analysis of normal and modulated cells in myogenic culture. *Developmental Biology*, 60:26-47.
- Lipton, B. H. 1977 Collagen synthesis by normal and bromodeoxyuridine-treated cells in myogenic culture. *Developmental Biology*, 61:153-165.
- Schultz, E. and B. H. Lipton 1978 The effect of Marcaine on muscle and non-muscle cells *in vitro*. *Anatomical Record*, 191:351-370.
- Lipton, B. H. 1979 Skeletal muscle regeneration in muscular dystrophy. Muscle Regeneration (A Mauro, *et al*, editors). Raven Press (New York), pp.31-40.
- Lipton, B. H. and E. Schultz 1979 Developmental fate of skeletal muscle satellite cells. *Science* 205:1292-1924.
- Emmerling, M. R., C. D. Johnson, D. F. Mosher, B. H. Lipton and J. E. Lilien 1981 Cross-linking and binding of fibronectin with asymmetric acetylcholinesterase. *Biochemistry*, 20:3242-3247.
- Schultz, E. and B. H. Lipton 1982 Skeletal muscle satellite cells: Changes in proliferation as a function of age. *Mechanisms of Aging and Development*, 20:377-383.
- Lipton, B. H., K. G. Bensch and M. A. Karasek 1991 Microvessel Endothelial Cell Transdifferentiation: Phenotypic Characterization. *Differentiation*, 46:117-133.
- Lipton, B. H., K. G. Bensch and M. A. Karasek 1992 Histamine-Modulated Transdifferentiation of Dermal Microvascular Endothelial Cells. *Experimental Cell Research*, 199:279-291
- Lipton, B. H. 1998 The Evolving Science of Chiropractic Philosophy. *Today's Chiropractic* 27(5):16-19
- Lipton, B. H. 1998 Nature, Nurture and the Power of Love. *Journal of Prenatal and Perinatal Psychology and Health* 13:3-10
- Lipton, B. H. 1999 The Evolving Science of Chiropractic Philosophy. Part II *Today's Chiropractic*, 28(6): 20-31
- Lipton, B. H. 2001 Nature, Nurture and Human Development. *Journal of Prenatal and Perinatal Psychology and Health* 16:167-180

FORMER GRANT SUPPORT:

National Institutes of Health- 1974-1982. Principal Investigator. Covering research on: Satellite cells and Regeneration in Normal and Dystrophic Muscle.

Muscular Dystrophy Associations of America - 1974-1980. Principal Investigator. Covering research on: Population Dynamics of Satellite Cells in Dystrophic Muscle.

Wisconsin Alumni Research Foundation - 1978-1980. Covering research on: Somite and Muscle Development.

BOOKS:

Muscle Regeneration 1979 Editor: A. Mauro; Associate Editors: R. Bischoff, B. M. Carlson, I. R. Konigsberg, B. H. Lipton and S. Shafiq. Raven Press, N.Y.

Basic Histology 2nd. Edition (1978), 3rd. Edition (1980), and 4th. Edition (1983), by L. C. Junquiera and J. Carneiro. Lange Medical Publications, Los Altos, California. I served as principal editor and contributor of the 2nd. thru 4th. editions of this text.

NATIONALLY SYNDICATED RADIO and TELEVISION:

The Vulnerable Prenate (Barbara Findeisen and Bruce Lipton) 1995 *New Dimensions Radio* with Michael and Justine Thoms, Prog. #2533, P.O. Box 410510, San Francisco, CA 94141-0510

Cell Biology/Technology 1995 *The Laura Lee Show* (Radio Talk Show); Laura Lee Productions, P.O. Box 3010, Bellevue, WA 98009-3010

From Simple Beginings 1995 *National Chiropractic Documentary*; Chiropractic Centennial Foundation, Dr. Guy Reikeman, Media Chairperson, Davenport, IA 52808-4522

Birthing, Biology and Culture 1997 *New Dimensions Radio* with Michael and Justine Thoms, Prog. #2661, P.O. Box 410510, San Francisco, CA 94141-0510

Genetic Determinism 1998 *Touchpoint Health Show* (Radio Talk Show, W.A.L.E. Radio); Yvette Eastman (Host); 3186 Bedwell Bay Rd., Belcarra, B. C. (CAN) V3H 4S1

Genes, Environment and Consciousness 1999 *The Laura Lee Show* (Radio Talk Show 5/8/99); Laura Lee Productions, 677 120th Ave, NE, Suite 107, Bellevue WA 98005, Bellevue, WA 98009-3010

The New Biology 2000 *The SciZone with Bill Boshears* (Radio Talk Show) 6708 Harrison Ave #10, Cincinnati, OH 45247

The Biology of Consciousness 2000 *The Aware Show with Lisa Garr* (Radio Talk Show 6/27/00) KPFK, Los Angeles, CA

DNA Versus The Environment 2001 *The Laura Lee Show* (Radio Talk Show 4/4/01); Laura Lee Productions, 677 120th Ave, NE, Suite 107, Bellevue WA 98005, Bellevue, WA 98009-3010

What the Human Genome Results Really Mean... 2001 *The Quest with Peter Weissbach* (Radio Talk Show 4/10/01)

Biology's New Front Line 2001 *The Laura Lee Show* (Radio Talk Show); Laura Lee Productions, P.O. Box 3010, Bellevue, WA 98009-3010 (4/17/01)

Fear, Love and Biology 2001 *The Quest with Peter Weissbach* (Radio Talk Show 5/09/01)

The Biology of Belief 2001 *The Aware Show with Lisa Garr* (Radio Talk Show 6/27/00) KPFK, Los Angeles, CA (5/22/01)

Mind over Matter 2001 *Inner Wisdom with Carolyn Craft* (Radio Talk Show on WISDOM Radio (7/18/01))

Windows of Change...The Evolving Door 2001 Evolving Ideas: The Elaine Smitha Show (Television Interview) KWPX-PAX TV, Seattle (11/17/01)

The Biology of Perception/The Psychology of Change 2002 *The Aware Show with Lisa Garr* (Radio Talk Show KPFK, Los Angeles, CA, 4/4/02 and 4/18/02)

Pathways to God 2002 The Evidence, Episode 110, hosted by Dwight K. Nelson, Program syndicated by Faith for Today, Simi Valley, CA