T. Colin Campbell, PhD

Jacob Gould Schurman Professor Emeritus
of Nutritional Biochemistry (Cornell)
&
Author of. "The China Study. Startling Implications for Diet, Weight Loss and Long Term Health" (Campbell TC and Campbell, TM II, 2005)—now translated or being translated into at least 15 languages, including Chinese

T. Colin Campbell, who was trained at Cornell (M.S., Ph.D.) and MIT (Research Associate) in nutrition, biochemistry and toxicology, spent 10 years on the faculty of Virginia Tech's Department of Biochemistry and Nutrition before returning to the Division of Nutritional Sciences at Cornell in 1975 where he presently holds his Endowed Chair (now Emeritus).

His principal scientific interests, which began with his graduate training in the late 1950's, has been on the effects of nutritional status on long term health, particularly on the causation of cancer. He has conducted original research both in laboratory experiments and in large-scale human studies; has received over 70 grant-years of peer-reviewed research funding (mostly NIH), has served on several grant review panels of multiple funding agencies, has lectured extensively, and has authored over 300 research papers. Also, he a) coordinated a USAID-supported technical assistance program for a nationwide nutrition program for malnourished pre-school age children in the Philippines (1966-74), b) organized and directed a multi-national project responsible for nationwide surveys of diet, lifestyle and mortality in the People's Republic of China (1983-present), c) was a co-author and member of National Academy of Science's expert panels on saccharin carcinogenicity (1978); food safety policy (1978-79); diet, nutrition and cancer (1981-82); research recommendations on diet, nutrition and cancer (1982-83); and food labeling policy (1989-1990), d) was the organizer and Co-Chair (but listed as Senior Science Advisor) of the World Cancer Research Fund/American Institute for Cancer Research report on international diet and cancer recommendations (1993-1997), e) was the principal witness for the National Academy of Sciences in two Federal Trade Commission hearings on issues concerning product-specific health claims (1984-1986), f) was Visiting Scholar at the Radcliffe Infirmary, University of Oxford/England (1985-1986), g) was the Senior Science Advisor for the American Institute for Cancer Research/World Cancer Research Fund (1983-1987, 1992-1997), h) presently holds an Honorary Professorship at the Chinese Academy of Preventive Medicine and i) is on the Research Advisory Board of the Chinese Institute of Nutritional Sciences in the Chinese Academy of Science, the government’s leading institution responsible for nutrition research and policy in China and is an Advisory Professor of the Shanghai Jiao Tong University. He is the recipient of several awards, both in research and citizenship. In summary, he has conducted original research investigation both in experimental animal and human studies, and has actively participated in the development of national and international nutrition policy.

Family:

Wife (Karen), Children (Nelson, LeAnne, Keith, Dan, Thomas)

Education:

1956	Penn State	BS	Pre-Vet Med
1957	Cornell	MS	Nutr, Biochem
1962	Cornell	PhD	Nutr, Biochem, Microbiol

Societies and Honors:

American Society for Nutritional Sciences (FASEB)
International Nutrition Society
American Society of Pharmacology and Experimental Therapeutics (FASEB-inactive)
Society of Toxicology (inactive)
Sigma Xi
NIH Research Career Development Award (1974-1976)
American Society for Clinical Nutrition Visiting Professorship to the University of Maryland Medical School at Baltimore (1980)
National Cancer Institute Exchange Scholar to the Peoples Republic of China (1981)
Sam E. and Mary F. Roberts Foundation Awardee (1988)
Distinguished Lecturer, Taiwan Nutrition Society (1991)
Research featured on cover of Journal of National Cancer Institute (1985) and Cancer Research (1991)
1992 Exemplary Commitment of Excellence, Western-Ellington Alumni Association
1994 "Hero" of Food & Nutrition, Eating Well Magazine
1997 Recipient, First Prize for Most Outstanding Publication in Preventive Medicine in China for 20 Years, 1976-1996
1998 Top 25 Food Influentials, Self Magazine
1997 JADE Chopsticks Award for Outstanding Chinese Nutrition Research
1998 Giraffe Commendation (for “outrageous actions for the common good”)
1985-6 Green College Scholar, University of Oxford, UK
1998 American Institute for Cancer Research Award “in recognition of a lifetime of significant accomplishments in scientific research and his efforts in furthering scientific knowledge and understanding in diet, nutrition and cancer”
2003 American Association of University Professors Heikkila Memorial Lecture, New Jersey Medical School and Robert Wood Johnson Medical School
2004 Burton Kallman Scientific Award, National Nutritional Foods Association
2006 Book of the Year Award, Veg News
2006 Hall of Fame, North American Vegetarian Society

Professional positions:

1985-present	Jacob Gould Schurman Professor of Nutritional Biochemistry, Cornell University, Ithaca, New York (Emeritus since 04/01/00)
2007-present	Research Advisory Professor, Jiao Tong University, Shanghai, China
1991-present	Honorary Professor, Chinese Academy of Preventive Medicine
1983-present	Director, Nutrition and Cancer Program Project (Collaborative Project with Chinese Academy of Preventative Medicine, Chinese Academy of Medical Sciences/China Cancer Institute, and University of Oxford)
2003-present	Research Advisory Panel, Chinese Institute of Nutritional Sciences
2000-2001	CEO, President, Paracelsian, Inc.
1992-1997	Senior Science Advisor, World Cancer Research Fund and American Institute for Cancer Research
1994-1997	Organizer and Co-Chair, Expert Panel, Dietary Prevention of Cancer Worldwide
1985-1986	Visiting Scholar, Green College, University of Oxford, Oxford, England
1975-1985	Professor of Nutritional Biochemistry, Cornell University, Ithaca, New York
1983-1987	Senior Science Advisor, American Institute for Cancer Research, Falls Church, Virginia
1978-1979	Senior Scientific Consultant, Life Sciences Research Office, FASEB, Bethesda, Maryland (Sabbatical leave)
1974-1975	Professor of Biochemistry and Nutrition, VPR&SU, Blacksburg, Virginia
1968-1974	University Coordinator of Philippine Programs, VPI&SU, Blacksburg, Virginia
1969-1974	Associate Professor of Biochemistry and Nutrition, VPI&SU Blacksburg, Virginia
1965-1969	Assistant Professor of Biochemistry and Nutrition, VPI&SU Blacksburg, Virginia
1963-1965	Research Associate, Massachusetts Institute of Technology Cambridge, Massachusetts
1961-1963	Senior Chemist, Woodard Research Corporation Herndon, Virginia

1957-1958 Scientist, Hazelton Laboratories, Inc.

Principle Research Interests:

Relationship of diet, nutrition and chronic degenerative disease etiology; nutritional effects on carcinogen and foreign compound metabolism; aflatoxin/liver cancer relationships; risk assessment and chemical toxicity.

Publications & Presentations (325+)

Twenty most influential publications (1965-1998)

Campbell, T.C., Caedo, J.P., Jr., Bulatao-Jayme, J., Salamat, L. and Engel, R.W. Aflatoxin M1 in human urine. Nature 227:403-404, 1970.

Campbell, T.C. and Stoloff, L. Implications of mycotoxins for human health. J. Agr. Food Chem. 22:1006-1015, 1974.

Campbell, T.C. and Hayes, J.R. Role of nutrition in the drug metabolizing enzyme system. Pharm. Revs. 26:171-197, 1974.

Campbell, T.C. and Hayes, J.R. The role of aflatoxin metabolism in its toxic lesion. Tox. Appl. Pharm. 35:199-222, 1976.

Campbell, T.C. Influence of Nutrition on Metabolism of Carcinogens. In: Adv. Nutr. Res., II. Draper, H. H. (ed.) New York: Plenum Press, pp. 29-55. 1979.

Campbell, T.C. Chemical Carcinogens and Human Risk Assessment. Fed. Proc. 39:2467-2484, 1980.

Campbell, T.C. A decision tree approach to the regulation of food chemicals associated with irreversible toxicities. Regulatory Tox. Pharm. 1:193-201, 1981.

Faris, R.A. and Campbell, T.C. Permanently altered chemical carcinogen metabolism as related to the neonatal environment. Science 211:719-721, 1981.

Grobstein, C., Cairns, J., Berliner, R., Broitman, S., Campbell, T.C., Gussow, J., Kolonel, L.N., Kritchevsky, D., Mertz, W., Miller, A.B., Prival, M.J., Slaga, T., Wattenberg, L. Diet, Nutrition and Cancer: (Palmer, S., Project Director). National Academy Press, Washington, D.C. 1982.

Appleton, B.S. and Campbell, T.C. The effect of high and low dietary protein on the dosing and postdosing periods of aflatoxin B1 induced hepatic preneoplastic lesion development in the rat. Cancer Res. 43:2150-2154, 1983.

O'Connor, T.P., Roebuck, B.D., Peterson, F.J., Lokesh, B., Kinsella, J.E., Campbell, T.C. Effect of dietary omega-3 and omega-6 fatty acids on development of azaserine-induced preneoplastic lesions in rat pancreas. J. Natl. Cancer Inst.81:858-863, 1989.

Dunaif, G.E. and Campbell, T.C. Relative contribution of dietary protein level and aflatoxin B1 dose in generation of presumptive preneoplastic foci in rat liver. J. Nutr. 78:365-369, 1987.

Chen, J., Campbell, T.C., Li, J., Peto, R. Diet, lifestyle and mortality in China. A study of characteristics of 65 Chinese counties. Joint publication of: Oxford University Press, Cornell University Press and The People's Medical Publishing House, 1990, 896 pp.

Campbell, T.C., Chen, J., Liu, C., Li, J., Parpia, B. Non-Association of aflatoxin with primary liver cancer in a cross-sectional ecologic survey in the People's Republic of China, Cancer Research, 50:6882-6893,1990.

Youngman LD, Campbell TC. Inhibition of aflatoxin B1-induced gamma glutamyl transpeptidase-positive (GGT+) hepatic preneoplastic foci and tumors by low protein diets: evidence that altered GT+ foci indicate neoplastic potential. Carcinogenesis, 13:1607-1613, 1992.

Campbell, T.C., Chen, J., Brun, T., Parpia, B., Qu, Y., Chen, C., Geissler, C. China: from diseases of poverty to diseases of affluence. Policy implications of the epidemiological transition. Ecol. Food Nutr. 27:133-144, 1992.

Campbell, T.C., Chen, J. Diet and chronic degenerative diseases: perspectives from China. Am. J. Clin. Nutr. 59(suppl):1153S-1161, 1994.

Hu, J-F, Zhao, X-H, Chen, J-S, Fitzpatrick, J, Parpia, B, Campbell, TC. Bone density and lifestyle characteristics in premenopausal and postmenopausal Chinese women. Osteoporosis Intern. 4:288-297, 1994.

Hu, J., Cheng, Z., Chisari, F.V., Vu, T.H., Hoffman. A.R., Campbell, T.C. Repression of hepatitis B virus (HBV) transgene and HBV-induced liver injury by low protein diet. Oncogene 15:2795-2801, 1997.

Liu, B.-Q., Peto, R., Chen, Z.-M., Boreham, J., Wu. Y.-P., Campbell, T.C., Chen, J.-S. Emerging tobacco hazards in China: 1. Retrospective proportional mortality study in one million deaths. Brit. Med. J., 317:1411-1422, 1998.