

BIOGRAPHICAL SKETCH

NAME Ronald A. Arky, M.D.		POSITION TITLE Charles S. Davidson Distinguished Professor of Medicine	
EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Cornell University	A.B.	1951	Zoology
Cornell Medical College	M.D.	1955	Medicine
Harvard Medical School	M.A. (Honorary)	1990	

PROFESSIONAL EXPERIENCE/APPOINTMENTS

1955-56	Intern, Second (Cornell) Medical Service, Bellevue Hospital, New York
1958-59	Resident in Medicine, New York Veterans Administration Hospital
1959-60	Chief Resident in Medicine, New York Veterans Administration Hospital
1961-63	Research Fellow in Medicine, Harvard Medical School and Thorndike Memorial Laboratory, Boston City Hospital
1966-67	Elliott P. Joslin Fellow, American Diabetes Association
1963-65	Instructor in Medicine, Harvard Medical School
1968-69	Assistant Professor of Medicine, Harvard Medical School
1969-71	Associate Professor of Medicine, Harvard Medical School
1971-	Professor of Medicine, Harvard Medical School
1980-	Professor of Medicine, Health Sciences and Technology Program, Massachusetts Institute of Technology
1982-1999	Charles S. Davidson Professor of Medicine, Harvard Medical School
1987-	Master, Francis Weld Peabody Academic Society, Harvard Medical School
1999-	Charles S. Davidson Distinguished Professor of Medicine, Harvard Medical School
1966-71	Chief, Diabetes & Metabolism Unit, Thorndike Memorial Laboratory, Boston City Hospital
1971-93	Chairman, Department of Medicine, Mount Auburn Hospital

HONORS/AWARDS

1955	Alpha Omega Alpha
1979	Award for Excellence in Preclinical Training, Harvard Medical School
1980	Banting Medal, American Diabetes Association
1982	Award for Excellence in Preclinical and Clinical Teaching, Harvard Medical School Class of 1982
1981	Elliott P. Joslin Memorial Lecturer, American Diabetes Association, Massachusetts Affiliate
1987	Upjohn Award for Teaching, American Diabetes Association
1995	Master, American College of Physicians
1995	Founders Award, Association of Program Directors in Internal Medicine
1995-	Committee on Publication, Massachusetts Medical Society (Chairman, 1997-)
1979-1980	President, American Diabetes Association (National)
1972-1975	President, American Diabetes Association (New England/Massachusetts Affiliates)
1975-1977	Chairman, Board of Directors, American Diabetes Association (New England/Massachusetts Affiliates)
1970-	American Society for Clinical Investigation

1989-91 President, Association of Program Directors in Internal Medicine
1984- Honorary Member, American Dietetic Association

PUBLICATIONS (Selected from 105 publications)

1. Freinkel N, Singer DI, Arky RA, Bleicher SH, Anderson JB, Silbert CK. Alcohol hypoglycemic. Carbohydrate metabolism of patients with clinical alcohol hypoglycemia and the experimental reproduction of the syndrome with pure ethanol. *J Clin Invest*, 42: 1112, 1963.
2. Freinkel N, Cohen AL and Arky RA. Alcohol hypoglycemia. II. A postulated mechanism of action based on experiments with rat liver slides. *J Clin Endocrin* 25: 76, 1965.
3. Freinkel N, Arky RA, Singer DL, Cohen AL, Bleicher SJ, Anderson JB, Silbert CK and Foster AE. Alcohol hypoglycemia. IV. Current concepts of its pathogenesis. *Diabetes* 14: 350, 1965.
4. Jones DP and Arky RA. Effects of insulin on triglyceride and free fatty acid metabolism in man. *Metabolism* 14: 1287, 1965.
5. Jones DP, Plotkin RG and Arky RA. Lipoprotein lipase activity in patients with diabetes mellitus, with and without hyperlipemia. *Diabetes* 15: 565-570, 1966.
6. Arky RA and Freinkel N. Alcohol hypoglycemia. V. Alcohol infusion to test gluconeogenesis in starvation with special reference to obesity. *New Eng J Med* 274: 426-433, 1966.
7. Abramson EA, Arky RA, and Woeber KA. Effects of propranolol on the hormonal and metabolic responses to insulin-reduced hypoglycemia. *Lancet*, II: 1386- 1389, 1966.
8. Abramson EA, Wilson DE and Arky RA. Rhinocerebral phycomycosis in association with diabetic ketoacidosis. Report of two cases and a review of clinical and experimental experience with amphotericin B therapy. *Ann Int Med.* 66: 735- 742, 1967.
9. Arky RA, Abramson EA and Freinkel N. Alcohol hypoglycemia. VII. Further studies on the refractoriness of obese subjects. *Metabolism*, 17: 977-987, 1968.
10. Veverbrants E. and Arky RA. Effects of fasting and refeeding. Studies of sodium potassium and water excretion on a constant water intake. *J Clin Endocrin*, 29: 55- 62, 1969.
11. Schreiberman PH, Wilson EE and Arky RA. Familial Type IV: Hyperlipoproteinemia. *New Eng J Med*, 281: 981-985, 1969.
12. Wilson DE, Schreiberman PH, Day V and Arky RA. Hyperlipidemia in adult diabetic population. *J Chron Dis*, 23: 501-506, 1970.
13. Hoffman RS, Martino JA, Wahl G and Arky RA. Fasting and refeeding: Antinatriuretic effect of oral and intravenous carbohydrate and its relationship to potassium excretion. *Metabolism*, 20: 1065-1073, 1971.
14. Arky RA and Knopp RH. Evaluation of islet-cell function in man. *New Eng J Med*, 285: 1130-1131, 1971.
15. Boulter PR, Spark RF, and Arky RA. Dissociation of the renin-aldosterone and refractoriness to the sodium-retaining action of mineralcorticoid during starvation in man. *J Clin Endocrin and Metab*, 38: 1974.
16. Vagenakis AG, Burger A, Portnay FI, Rudolph M, O'Brien JT, Axixi F, Arky RA, Nicod P, Ingbar SH, and Braverrnan LE. Diversion of peripheral thyroxine metabolism from activating to inactivating pathways during complete fasting. *J Clin Endocrin and Metab*, 41: 191-194, 1975.
17. Arky RA. Environmental factors influencing the development of the diabetic state. Chapter 8 in Diabetes Mellitus, ed. Stefan S. Fajans, DREW Publication, Fogarty International Center Services, 4: 76-854, 1976.
18. Vagenakis AG, Portnay GI, O'Brien JT, Rudolph M, Arky RA, Ingbar SH and Braverrnan LE. Effect of starvation on the production and metabolism of thyroxine and triiodothyronine in euthyroid obese patients. *J Clin Endocrin and Metab*, 45: 1305- 1309, 1977.
19. Arky RA; Wylie- Rosett J, El-Beheri B. Examination of current dietary recommendations for individuals with diabetes mellitus. Diabetes Care, 5: 59-63, 1982.
20. Stamfer MJ, Colditz GA, Willett WC, Manson IE, Arky RA, Hennekens CH and Speizer FE. A Prospective Study of Moderate Alcohol Drinking and Risk of Diabetes in Women. *Am J Epidemiology*, 128: 549-558, 1988.
21. Branch WT, Arky RA, Woo B, Stoeckle ill, Levy DB, Taylor WC. Teaching medicine as a human experience: designing and implementing a patient-doctor relationship course for faculty and first-year medical students. *Ann Int Med* (in press).

22. Branch w, Pels RJ, Lawrence RS, Arky, R: Becoming a doctor: critical-incident reports from third-year medical students. NEJM 1993, 329:1130-1132.