

## BIOGRAPHICAL SKETCH

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NAME Dan Michael Cooper, M.D.  eRA COMMONS USER NAME (credential, e.g., agency login)	POSITION TITLE Professor of Pediatrics and Biomedical Engineering		
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
University of California, Santa Cruz, CA University of California, San Francisco, CA San Francisco General Hospital New York University, Bellevue Hospital Columbia University, College of P&S	B.A. M.D.	1970 1974 1975 1978 1981	Sociology Medicine Rotating Internship Pediatric Residency Pediatric Pulmonary Fellow

### B. Positions and Honors

#### EMPLOYMENT

2011-Present Chair, UC Irvine Department of Pediatrics  
2010-Present Director, UC Irvine Institute for Clinical and Translational Science (PI, UC Irvine Clinical and Translational Science Award)  
2008-Present Assistant Dean for Clinical and Translational Science, UC Irvine School of Medicine

#### BOARD CERTIFICATION

1980 American Board of Pediatrics  
1994 Sub-board of Pediatric Pulmonology (Recertification through 2015)

#### HONORS

1970 General Honors at Graduation, University of California, Santa Cruz  
1982 Young Clinical Investigator Research Award, American Heart Association, Greater Los Angeles Affiliate

#### SOCIETY MEMBERSHIPS

American Thoracic Society  
American Physiological Society  
Society for Pediatric Research  
American College of Sports Medicine  
American Pediatric Society

### C. Selected Peer-Reviewed Publications (from 172)

1. Zanconato S, Moromisato DY, Moromisato MY, Woods J, Brasel JA, Leroith D, Roberts CT Jr, Cooper DM. Effect of training and growth hormone suppression on insulin-like growth factor I mRNA in young rats. *J Appl Physiol.* 1994 May;76(5):2204-9. PubMed PMID: 8063688.
2. Eliakim A, Burke GS, Cooper DM. Fitness, fatness, and the effect of training assessed by magnetic resonance imaging and skinfold-thickness measurements in healthy adolescent females. *Am J Clin Nutr.* 1997 Aug;66(2):223-31. PubMed PMID: 9250098.
3. Ambler C, Eliakim A, Brasel JA, Lee WN, Burke G, Cooper DM. Fitness and the effect of exercise training on the dietary intake of healthy adolescents. *Int J Obes Relat Metab Disord.* 1998 Apr;22(4):354-62. PubMed PMID: 9578242.

4. Eliakim A, Brasel JA, Mohan S, Wong WL, Cooper DM. Increased physical activity and the growth hormone-IGF-I axis in adolescent males. *Am J Physiol*. 1998 Jul;275(1 Pt 2):R308-14. PubMed PMID: 9688993.
5. Schneider M, Dunton GF, Bassin S, Graham DJ, Eliakim AF, Cooper DM. Impact of a school-based physical activity intervention on fitness and bone in adolescent females. *J Phys Act Health*. 2007 Jan;4(1):17-29. PubMed PMID: 17489004.
6. Dunton GF, Schneider M, Cooper DM. Factors predicting behavioral response to a physical activity intervention among adolescent females. *Am J Health Behav*. 2007 Jul-Aug;31(4):411-22. PubMed PMID: 17511576.
7. Ischander M, Zaldivar F Jr, Eliakim A, Nussbaum E, Dunton G, Leu SY, Cooper DM, Schneider M. Physical activity, growth, and inflammatory mediators in BMI-matched female adolescents. *Med Sci Sports Exerc*. 2007 Jul;39(7):1131-8. PubMed PMID: 17596781.
8. Radom-Aizik S, Zaldivar F Jr, Leu SY, Galassetti P, Cooper DM. Effects of 30 min of aerobic exercise on gene expression in human neutrophils. *J Appl Physiol*. 2008 Jan;104(1):236-43. Epub 2007 Nov 15. PubMed PMID: 18006867
9. Eliakim A, Nemet D, Zaldivar F, McMurray RG, Culler FL, Galassetti P, Cooper DM. Reduced exercise-associated response of the GH-IGF-I axis and catecholamines in obese children and adolescents. *J Appl Physiol*. 2006 May;100(5):1630-7. Epub 2005 Dec 22. PubMed PMID: 16373448.
10. Zaldivar F, McMurray RG, Nemet D, Galassetti P, Mills PJ, Cooper DM. Body fat and circulating leukocytes in children. *Int J Obes (Lond)*. 2006 Jun;30(6):906-11. PubMed PMID: 16418751..
11. Radom-Aizik S, Zaldivar F Jr, Oliver S, Galassetti P, Cooper DM. Evidence for microRNA involvement in exercise-associated neutrophil gene expression changes. *J Appl Physiol*. 2010 Jul;109(1):252-61. Epub 2010 Jan 28. PubMed PMID: 20110541.
12. Foster GD, Linder B, Baranowski T, Cooper DM, Goldberg L, Harrell JS, Kaufman F, Marcus MD, Trevino RP, Hirst K. A School-Based Intervention for Diabetes Risk Reduction. *N Engl J Med*. 2010 363(5):443-53 The HEALTHY Study Group PMCID: PMC2924187 PMID: 20581420
13. Schneider M and Cooper DM. Enjoyment of exercise moderates the impact of a school-based physical activity intervention. *Int J Behav Nutr Phys Act*. 2011 Jun 20;8:64
14. Radom-Aizik S, Zaldivar F Jr, Leu SY, Adams GR, Oliver S, Cooper DM. Effects of exercise on microRNA expression in young males peripheral blood mononuclear cells. *Clin Transl Sci*. 2012 Feb;5(1):32-8
15. Radom-Aizik S, Zaldivar FP, Haddad F, Cooper DM. Impact Of Brief Exercise On Peripheral Blood Nk Cell Gene And Microrna Expression In Young Adults. *J Appl Physiol*. 2013 Jan 3. [Epub ahead of print]