



## Douglas Sayre Gross, M.D., Ph.D.

### Philosophy of Care

I believe in listening carefully to the patient and their parent, providing the best care possible, making sure everyone understands the plan and followup needs, and referring for specialty care when needed.

### Clinical Interests

Dr. Gross is a general pediatrician caring for children with acute illness and injury. He also provides school-based care as the Director of a UC Davis School of Medicine-affiliated student-run clinic, RIVER Mobile Pediatric Clinic. He is also a member of a federal Disaster Medical Assistance Team providing rapid-response medical care in the aftermath of natural disasters, acts of terrorism, disease outbreaks.

### Research/Academic Interests

Dr. Gross' research area was neuroendocrinology, however he is no longer active in research. He is heavily involved in global health activities and providing care to underserved populations through mobile health clinics.

### Title

Medical Director, RIVER Mobile Pediatric Clinic  
Professor of Teaching, Department of Cell Biology and Human Anatomy  
Clinical Professor of Pediatrics, Department of Pediatrics

### Specialty

Pediatrics

### Department

[Pediatrics](#)

### Division

General Pediatrics

### Center/Program Affiliation

[UC Davis Children's Hospital](#)

### Address/Phone

Glassrock Building, 2521 Stockton Blvd. Sacramento, CA 95817

### Additional Phone

Clinic Phone: 916-734-3112  
Clinic Fax: 916-734-1155  
Physician Referrals: 800-4-UCDAVIS (800-482-3284)

### Education

M.D., UC Davis, Davis CA 1990  
M.S., Anatomy and Neuroendocrinology, University of Michigan, Ann Arbor MI 1973  
Ph.D., Anatomy and Neuroendocrinology, University of Michigan, Ann Arbor MI 1976  
B.A., Biology, Franklin and Marshall College, Lancaster PA 1972

### Internships

Pediatrics, UC Davis Health, Sacramento CA 1990-1991

### Residency

Pediatrics, UC Davis Health, Sacramento CA 1991-1993



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### Board Certifications

American Board of Pediatrics

### Professional Memberships

Alpha Omega Alpha Honor Medical Society  
Golden Key International Honor Society  
Sacramento Disaster Medical Assistance Team, DMAT-CA-11

### Honors and Awards

Emil M. Mrak International Award, Cal Aggie Alumni Association, 2016  
Distinguished Alumnus Award, UC Davis School of Medicine Alumni Association, 2014  
Hibbard Williams Award for Extraordinary Achievement, UC Davis School of Medicine, 2011  
Distinguished Scholarly Public Service Award, UC Davis Academic Senate, 2007  
C. John Tupper Prize for Excellence in Teaching, UC Davis School of Medicine, 2006

### Select Recent Publications

Rothfeld JM, Gross DS, Watkins LR. Sexual responsiveness and its relationship to vaginal stimulation-produced analgesia in the rat. *Brain Res.* 1985 Dec 9;358(1-2):309-15. doi:10.1016/0006-8993(85)90975-8. PMID:4075122.

Aponte G, Gross D, Yamada T. Capillary orientation of rat pancreatic D-cell processes: evidence for endocrine release of somatostatin. *Am J Physiol.* 1985 Nov;249(5 Pt 1):G599-606. doi:10.1152/ajpgi.1985.249.5.G599. PMID:2865897.

Rothfeld JM, Carstens E, Gross DS. Neuronal responsiveness to gonadotropin-releasing hormone and its correlation with sexual receptivity in the rat. *Peptides.* 1985 Jul-Aug;6(4):603-8. doi:10.1016/0196-9781(85)90160-3. PMID:3906591.

Rothfeld JM, Gross DS. Gonadotropin-releasing hormone within the organum vasculosum lamina terminalis in the ovariectomized, estrogen/progesterone-treated rat: a quantitative immunocytochemical study using image analysis. *Brain Res.* 1985 Jul 15;338(2):309-15. doi:10.1016/0006-8993(85)90161-1. PMID:3896396.

Gross DS, Rothfeld JM. Quantitative immunocytochemistry of hypothalamic and pituitary hormones: validation of an automated, computerized image analysis system. *J Histochem Cytochem.* 1985 Jan;33(1):11-20. doi:10.1177/33.1.2578140. PMID:2578140.



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Gross DS. The mammalian hypophysial pars tuberalis: a comparative immunocytochemical study. *Gen Comp Endocrinol*. 1984 Nov;56(2):283-98. doi:10.1016/0016-6480(84)90043-1. PMID: 6510690.

Aponte G, Leung P, Gross D, Yamada T. Effects of somatostatin on food intake in rats. *Life Sci*. 1984 Aug 13;35(7):741-6. doi:10.1016/0024-3205(84)90342-4. PMID:6147742.

Gross DS, Turgeon JL, Waring DW. The ovine pars tuberalis: a naturally occurring source of partially purified gonadotropes which secrete luteinizing hormone in vitro. *Endocrinology*. 1984 Jun;114(6):2084-91. doi:10.1210/endo-114-6-2084. PMID:6426936.

Aponte G, Gross D, Rosenquist G, Mendel V, Yamada T. Effect of food-deprivation on rat pancreatic islet cells. *Peptides*. 1983 Nov-Dec;4(6):935-9. doi:10.1016/0196-9781(83)90093-1. PMID:6143302.

English HF, Schanbacher BD, Gross D, Walker MF, Falvo RE, Santen RJ. Animal model of isolated gonadotropin deficiency. II. Morphologic responses to LHRH immunoneutralization. *J Androl*. 1983 Jul-Aug;4(4):240-7. doi:10.1002/j.1939-4640.1983.tb02360.x. PMID:6413470.

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