

THE UNIVERSITY OF IOWA COLLEGE OF NURSING

FACULTY

NAME & TITLE: Sandra Daack-Hirsch, PhD, RN
Assistant Professor

Email: sandra-daack-hirsch@uiowa.edu

EDUCATION:

| <u>DEGREE</u> | <u>INSTITUTION</u> | <u>MAJOR</u> |
|---------------|------------------------|--------------|
| BSN | The University of Iowa | Nursing |
| MSN | The University of Iowa | Nursing |
| PhD | The University of Iowa | Nursing |

RESEARCH FOCUS:

- Orofacial clefting
- Complex disorders and families

CURRENT FUNDING:

- Co-Investigator: Molecular Genetic Epidemiology of Cleft Lip and Palate (NIH R37 DE-08559)

REPRESENTATIVE PUBLICATIONS:

- Murray JC, Daack-Hirsch S, Buetow KH, Munger R, Espina L, Paglinawan N, Villanueva E, Rary J, Magee K, Magee W. Clinical and epidemiologic studies of cleft lip and palate in the Philippines. *Cleft Palate J* 34: 7-10, 1997.
- Williams JK, Skirton H, Reed D, Johnson M, Maas M, Daack-Hirsch S. Genetic counseling outcomes validation by genetics nurses in the UK and US. *J. Nursing Scholarship Fourth Quarter*: 369-374, 2001.
- Munger RG, Sauberlich HE, Corcoran C, Nepomuceno B, Daack-Hirsch S, Solon RS. Maternal vitamin B-6 and folate status and risk of oral cleft birth defects in the Philippines. *Birth Defects Research* 70 (A), 464-471, 2004.
- Zuccherro TM, Cooper ME, Maher BS, Daack-Hirsch S, Nepomuceno B, Ribeiro L, Caprau D, Christensen K, Suzuki Y, Machida J, Natsume N, Yoshiura K, Vieira AR, Orioli IM, Castilla E, Moreno L, Arcos-Burgos M, Lidral AC, Field LL, Liu Y, Ray A, Goldstein TH, Shi M, Kondo S, Schutte B, Marazita ML, Murray JC. Interferon regulatory factor 6 (IRF6) is a modifier for isolated cleft lip and palate. *N Engl J Med* 351:769-780, 2004.
- Mansilla MA, Kimani J, Mitchell LE, Christensen K, Boomsma DI, Daack-Hirsch S, Nepomucena B, Wyszynski DF, Felix TM, Martin NG, Murray JC. Discordant MZ twins with cleft lip and palate: a model for identifying genes in complex traits. *Twin Research & Human Genetics: the Official Journal of the International Society for Twin Studies* 8(1): 39-46, 2005.
- Scott NM, Weinberg SM, Neiswanger K, Daack-Hirsch S, O'Brien S, Murray JC, Marazita ML. Dermatoglyphic pattern types in subjects with nonsyndromic cleft lip with or without cleft palate (CL/P) and their unaffected relatives in the Philippines. *Cleft Palate-Craniofacial J* 42(4): 362-366, 2005.
- Avila, J. R., Jezewski, PA., Vieira, AR., Orioli, IM., Castilla, EE., Christensen, K., Romitte, PA., Daack-Hirsch, S., Murray, JC. PVRL1 variants contribute to non-syndromic cleft lip and palate in multiple populations. *American Journal of Medical Genetics* 140(23), 2562-2570, 2006.