

CURRICULUM VITAE

Sandra Daack-Hirsch, PhD, RN,

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PRESENT POSTION

Associate Professor
 Director, PhD Program
 College of Nursing, NB 364
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EDUCATION & PROFESSIONAL HISTORY

EDUCATION

Dates Attended	Degree	Field of Study	Institution	Location
June 1986	BSN	Nursing	University of Iowa College of Nursing	Iowa City, IA
May 1998	MSN	Genetics/Pediatrics	University of Iowa College of Nursing	Iowa City, IA
2002	NIH Fellow – Awarded 12 hours of doctoral level credit		NINR Summer Genetics Institute Georgetown University	Bethesda, MD
May 2007	PhD	Epidemiology/Genetics/ Family health	University of Iowa College of Nursing	Iowa City, IA

Dissertation: Daack-Hirsch, S. E. (2007). Context for Filipino community based orofacial cleft prevention interventions. (Ph.D., The University of Iowa).

LICENSURE/CERTIFICATION

Dates	Organization, Position, Institution, Location, funding Source if appropriate
1986 – Present	License Iowa RN # 076199

HONORS/AWARDS

Dates	Honor, including organization
2001	Vivian Dahl Trunnell Graduate Fellowship Award
2002	NIH Fellow, National Institute of Nursing Research Summer Genetics Institute
2003	National Research Service Award Pre-doctoral Fellowship
2004	International Society of Nurses in Genetics Research Award

2005	Sigma Theta Tau Research Award; Gamma Chapter
2007	The University of Iowa Old Gold Summer Fellowship
2009	Sigma Theta Tau Research Grant; Gamma Chapter
2010	International Society of Nurses in Genetics Founders Award for Outstanding Genetics Research and Scholarship
2012	Environmental and Public Health Ambassador for the State Hygienic Laboratory. Honorary position.
2013	James N. Murray Award (Awarded to a UI tenure-track faculty member who demonstrates outstanding rapport with students and creates an exemplary classroom atmosphere)
2013	The University of Iowa College of Nursing Collegiate Teaching Award
2014	Journal of Pediatric Health Care: Certificate of Excellence in Reviewing
2017-2018	Big Ten Academic Alliance Academic Leadership Program (BTAA-ALP) Fellow
2018	Inducted as Fellow to the American Academy of Nursing

PROFESSIONAL EXPERIENCE

Teaching Experience

<i>Dates</i>	<i>Position</i>	<i>College/University Location</i>	<i>Focal Area</i>
8/2010 to 2018	Affiliate Faculty	University of Iowa Carver College of Medicine-Program in Bioethics and Humanities	Clinical Genetics & Return of Research Results
1/2007 to 5/2013	Assistant Professor	University of Iowa College of Nursing, Iowa City, IA	Parent, Child & Family/Clinical Genetics
5/2013-present	Associate Professor with Tenure	University of Iowa College of Nursing, Iowa City, IA	Clinical Genetics
8/2015-present	Director of the PhD Program	University of Iowa College of Nursing, Iowa City, IA	

Clinical Experience

<i>Dates</i>	<i>Position</i>	<i>Institution Location</i>	<i>Area</i>
6/1986 to 12/1989	Staff Nurse	University of Iowa Hospitals and Clinics, Iowa City, IA	Department of Pediatrics
12/1989 to 4/1993	Neuromuscular Specialty Nurse	University of Iowa Hospitals and Clinics/College of Medicine, Iowa City, IA	Division of Medical Genetics Department of Pediatrics
5/1991 to 12/2006	Research Study Coordinator/Genetic Nurse Specialist	University of Iowa College of Medicine, Iowa City, IA	Department of Pediatrics
6/1997 to 1/1998	Genetic Nurse-Counselor	University of Iowa Hospitals and Clinics, Iowa City, IA	University of Iowa Clinical Cancer Center

SCHOLARSHIP

AREAS OF RESEARCH INTEREST

- Knowledge and perception of genetic risk
- Genetic risk communication
- Genetic and environmental risk factors of birth defects specifically cleft lip and palate

PUBLICATIONS

Journal Articles

*non databased articles

1. Muenke, M., Gurrieri, F., Bay, C., Yi, D. H., Collins, A. L., Johnson, V. P., Hennekam, R.C.M., Schaefer, G.B., Weik, L., Lubinsky, M.S., **Daack-Hirsch, S.**, et al. (1994). Linkage of a human brain malformation, familial holoprosencephaly, to chromosome 7 and evidence for genetic heterogeneity. *Proceedings of the National Academy of Sciences of the United States of America*, 91(17), 8102-8106.
2. Munger, R.G., Romitte, P.A., **Daack-Hirsch, S.**, Burns, T.L., Murray, J.C., & Hanson, J. (1996). Maternal alcohol use and risk of orofacial cleft birth defects. *Teratology*, 54(1), 27-33. doi: 10.1002/(SICI)1096-9926(199607)54:1<27::AID-TERA4>3.0.CO;2-0
3. Murray, J. C., Daack-Hirsch, S., Buetow, K. H., Munger, R., Espina, L., Paglinawan, N., et al. (1997). Clinical and epidemiologic studies of cleft lip and palate in the □candinavia. *The Cleft Palate-Craniofacial Journal : Official Publication of the American Cleft Palate-Craniofacial Association*, 34(1), 7-10.
4. Lidral, A. C., Romitti, P. A., Basart, A. M., Doetschman, T., Leysens, N. J., **Daack-Hirsch, S.**, et al. (1998). Association of MSX1 and TGFB3 with nonsyndromic clefting in humans. *American Journal of Human Genetics*, 63(2), 557-568.
5. Romitti, P. A., Munger, R. G., Murray, J. C., **Daack-Hirsch, S.**, Hanson, J. W., & Burns, T. L. (1998). The effect of follow-up on limiting non-participation bias in genetic epidemiologic investigations. *European Journal of Epidemiology*, 14(2), 129-138.
6. Semina, E. V., Ferrell, R. E., Mintz-Hittner, H. A., Bitoun, P., Alward, W. L., Reiter, R. S., Funkhauser, C., **Daack-Hirsch, S.**, & Murray, J.C. (1998). A novel homeobox gene PITX3 is mutated in families with autosomal-dominant cataracts and ASMD. *Nature Genetics*, 19(2), 167-170.
7. Yoshiura, K., Machida, J., **Daack-Hirsch, S.**, Patil, S. R., Ashworth, L. K., Hecht, J. T., et al. (1998). Characterization of a novel gene disrupted by a balanced chromosomal translocation t(2;19)(q11.2;q13.3) in a family with cleft lip and palate. *Genomics*, 54(2), 231-240.
8. Daack-Hirsch, S. E. (1998). Nursing sensitive outcomes in genetic counseling. (MS, The University of Iowa).
9. Romitti, P. A., Lidral, A. C., Munger, R. G., **Daack-Hirsch, S.**, Burns, T. L., & Murray, J. C. (1999). Candidate genes for nonsyndromic cleft lip and palate and maternal cigarette smoking and alcohol consumption: Evaluation of genotype-environment interactions from a population-based case-control study of orofacial clefts. *Teratology*, 59(1), 39-50.
10. Schutte, B. C., Basart, A. M., Watanabe, Y., Laffin, J. J., Coppage, K., Bjork, B. C., **Daack-Hirsch, S.**, et al.(1999). Microdeletions at chromosome bands 1q32-q41 as a

- cause of van der woude syndrome. *American Journal of Medical Genetics*, 84(2), 145-150.
11. Lin, A. E., Semina, E. V., **Daack-Hirsch, S.**, Roeder, E. R., Curry, C. J., Rosenbaum, K., et al. (2000). Exclusion of the branchio-oto-renal syndrome locus (EYA1) from patients with branchio-oculo-facial syndrome. *American Journal of Medical Genetics*, 91(5), 387-390.
 12. Williams, J. K., Skirton, H., Reed, D., Johnson, M., Maas, M., & **Daack-Hirsch, S.** (2001). Genetic counseling outcomes validation by genetics nurses in the UK and US. *Journal of Nursing Scholarship*, 33(4), 369-374.
 13. Barrow, L. L., van Bokhoven, H., **Daack-Hirsch, S.**, Andersen, T., van Beersum, S. E., Gorlin, R., et al. (2002). Analysis of the p63 gene in classical EEC syndrome, related syndromes, and non-syndromic orofacial clefts. *Journal of Medical Genetics*, 39(8), 559-566.
 14. Kondo, S., Schutte, B. C., Richardson, R. J., Bjork, B. C., Knight, A. S., Watanabe, Y., Howard, E., Ferreira de Lima, R.L.L., **Daack-Hirsch, S.**, et al. (2002). Mutations in IRF 6 cause van der woude and popliteal pterygium syndromes. *Nature Genetics*, 32(2), 285-289.
 15. Jezewski, P. A., Vieira, A. R., Nishimura, C., Ludwig, B., Johnson, M., O'Brien, S. E., **Daack-Hirsch S.**, et al. (2003). Complete sequencing shows a role for MSX1 in non-syndromic cleft lip and palate. *Journal of Medical Genetics*, 40(6), 399-407.
 16. Munger, R. G., Sauberlich, H. E., Corcoran, C., Nepomuceno, B., **Daack-Hirsch, S.**, & Solon, F. S. (2004). Maternal vitamin B-6 and folate status and risk of oral cleft birth defects in the □candinavia. *Birth Defects Research.Part A, Clinical and Molecular Teratology*, 70(7), 464-471.
 17. Schultz, R. E., Cooper, M. E., **Daack-Hirsch, S.**, Shi, M., Nepomucena, B., Graf, K. A., et al. (2004). Targeted scan of fifteen regions for nonsyndromic cleft lip and palate in □candina families. *American Journal of Medical Genetics.Part A*, 125(1), 17-22.
 18. Marazita, M. L., Murray, J. C., Lidral, A. C., Arcos-Burgos, M., Cooper, M. E., Goldstein, T., Maher, B.S., **Daack-Hirsch, S.**, et al. (2004). Meta-analysis of 13 genome scans reveals multiple cleft lip/palate genes with novel loci on 9q21 and 2q32-35. *American Journal of Human Genetics*, 75(2), 161-173.
 19. Zuccherro, T. M., Cooper, M. E., Maher, B. S., **Daack-Hirsch, S.**, Nepomuceno, B., Ribeiro, L., et al. (2004). Interferon regulatory factor 6 (IRF6) gene variants and the risk of isolated cleft lip or palate. *New England Journal of Medicine*, 351(8), 769.
 20. Mansilla, M. A., Kimani, J., Mitchell, L. E., Christensen, K., Boomsma, D. I., **Daack-Hirsch, S.**, et al. (2005). Discordant MZ twins with cleft lip and palate: A model for identifying genes in complex traits. *Twin Research and Human Genetics*, 8(1), 39-46.
 21. Scott, N. M., Weinberg, S. M., Neiswanger, K., Brandon, C. A., **Daack-Hirsch, S.**, Murray, J. C., et al. (2005). Dermatoglyphic fingerprint heterogeneity among individuals with nonsyndromic cleft lip with or without cleft palate and their unaffected relatives in

china and the □candinavia. *Human Biology; an International Record of Research*, 77(2), 257-266.

22. Scott, N. M., Weinberg, S. M., Neiswanger, K., **Daack-Hirsch, S.**, O'Brien, S., Murray, J. C., et al. (2005). Dermatoglyphic pattern types in subjects with nonsyndromic cleft lip with or without cleft palate (CL/P) and their unaffected relatives in the □candinavia. *The Cleft Palate-Craniofacial Journal : Official Publication of the American Cleft Palate-Craniofacial Association*, 42(4), 362-366.
23. Vieira, A. R., Avila, J. R., **Daack-Hirsch, S.**, Dragan, E., Felix, T. M., Rahimov, F., et al. (2005). Medical sequencing of candidate genes for nonsyndromic cleft lip and palate. *PloS Genetics*, 1(6), e64.
24. Avila, J. R., Jezewski, P. A., Vieira, A. R., Orioli, I. M., Castilla, E. E., Christensen, K., Romitte, P.A., **Daack-Hirsch, S.**, & Murray J.C. (2006). PVRL1 variants contribute to non-syndromic cleft lip and palate in multiple populations. *American Journal of Medical Genetics.Part A*, 140(23), 2562-2570.
25. Kimani, J. W., Shi, M., **Daack-Hirsch, S.**, Christensen, K., Moretti-Ferreira, D., Marazita, M. L., et al. (2007). X-chromosome inactivation patterns in monozygotic twins and sib pairs discordant for nonsyndromic cleft lip and/or palate. *American Journal of Medical Genetics.Part A*, 143(24), 3267-3272.
26. Riley, B. M., Mansilla, M. A., Ma, J., **Daack-Hirsch, S.**, Maher, B. S., Raffensperger, L. M., et al. (2007). Impaired FGF signaling contributes to cleft lip and palate. *Proceedings of the National Academy of Sciences of the United States of America*, 104(11), 4512-4517.
27. Riley, B. M., Schultz, R. E., Cooper, M. E., Goldstein-McHenry, T., **Daack-Hirsch, S.**, Lee, K. T., et al. (2007). A Genome-wide linkage scan for cleft lip and cleft palate identifies a novel locus on 8p11-23. *American Journal of Medical Genetics.Part A*, 143(8), 846-852.
28. Vieira, A.R., McHenry, T.G., Daack-Hirsch, S., Murray J.C. & Marazita, M.L. (2008). A Genome wide linkage scan for cleft lip and palate and dental anomalies. *American Journal of Medical Genetics Part A*, 146A, 1406-1413.
29. Vieira, A.R., McHenry, T.G., **Daack-Hirsch, S.**, Murray J.C. & Marazita, M.L. (2008). Candidate gene/loci studies in cleft lip/palate and dental anomalies finds novel susceptibility genes for cleft. *Genetics in Medicine*, 10(9), 668-674.
30. de Lima, R. L., Hoper, S. A., Ghassibe, M., Cooper, M. E., Rorick, N. K., Kondo, S., Katz, L., Marazita, M.L., Compton, J., Bale, S., Hehr, U., Dixon, M.J., **Daack-Hirsch S.**, et al. (2009). Prevalence and nonrandom distribution of exonic mutations in interferon regulatory factor 6 in 307 families with van der woude syndrome and 37 families with popliteal pterygium syndrome. *Genetics in Medicine : Official Journal of the American College of Medical Genetics*, 11(4), 241-247.
31. Jugessur, A., Shi, M., Gjessing, H. K., Lie, R. T., Wilcox, A. J., Weinberg, C. R., Christensen, K., Boyels, A.L., **Daack-Hirsch, S.** et al. (2009). Genetic determinants of facial clefting: Analysis of 357 candidate genes using two national cleft studies from □candinavia. *PloS One*, 4(4), e5385.

32. Marazita, M. L., Lidral, A. C., Murray, J. C., Field, L. L., Maher, B. S., Goldstein McHenry, T., Cooper, M.E., Govil, M., **Daack-Hirsch, S.**, et al. (2009). Genome scan, fine-mapping, and candidate gene analysis of non-syndromic cleft lip with or without cleft palate reveals phenotype-specific differences in linkage and association results. *Human Heredity*, 68(3), 151-170.
33. Moreno, L. M., Mansilla, M. A., Bullard, S. A., Cooper, M. E., Busch, T. D., Machida, J., Johnson, M.K., Brauser, D., Krahn, K., **Daack-Hirsch, S.**, et al. (2009). FOXE1 association with both isolated cleft lip with or without cleft palate, and isolated cleft palate. *Human Molecular Genetics*, 18(24), 4879-4896.
34. Suzuki, S., Marazita, M. L., Cooper, M. E., Miwa, N., Hing, A., Jugessur, A., et al. Natsume, N., Shimozato, K., Suzuki, Y., Niamami, K., Yamamoto, M., Altannamar, T.J., Erkhembaatar, T., Furukawa, H., **Daack-Hirsch, S.**, et al. (2009). Mutations in BMP4 are associated with subepithelial, microform, and overt cleft lip. *American Journal of Human Genetics*, 84(3), 406-411.
35. **Daack-Hirsch, S.** & Gamboa, H. (2010). Filipino explanatory model for cleft lip with or without cleft palate. *The Cleft Palate-Craniofacial Journal : Official Publication of the American Cleft Palate-Craniofacial Association*,47(2), 122-133. Doi:10.597/08-139.1
36. Jugessur, A., Shi, M., Gjessing, H. K., Lie, R. T., Wilcox, A. J., Weinberg, C. R., Christensen, K., Boyels, A.L., **Daack-Hirsch, S.** et al. (2010). Maternal genes and facial clefts in offspring: A comprehensive search for genetic associations in two population-based cleft studies from □candinavia. *PloS One*, 5(7), e11493.
37. Jugessur, A., Shi, M., Gjessing, H. K., Lie, R. T., Wilcox, A. J., Weinberg, C. R., Christensen, K., Boyels, A.L., **Daack-Hirsch, S.** . . . Murray, J. C. (2011). Fetal genetic risk of isolated cleft lip only versus isolated cleft lip and palate: A subphenotype analysis using two population-based studies of orofacial clefts in □candinavia. *Birth Defects Research.Part A, Clinical and Molecular Teratology*,91(2), 85-92. Doi:10.1002/bdra.20747
38. Petrin, A.L., **Daack-Hirsch, S.**, L'Heureux, J. & Murray, J.C. (2011). A New case of 3q29 microdeletion syndrome involving cleft lip and palate inherited from a non-affected mosaic parent: Molecular and ethical implications. *The Cleft Palate-Craniofacial Journal : Official Publication of the American Cleft Palate-Craniofacial Association*, 48(2), 222-230 Epub 2010 May 4. Doi: 10.1597/09-149.
39. ***Daack-Hirsch, S.**, Dieter, C., Quinn Griffen, MT, (2011). Integrating genomics into undergraduate nursing education. *Journal of Nursing Scholarship*, 43(3), 223-230. Doi: 10.1111/j.1547-5069.2011.01400.x.
40. Simon, C., Williams, J.K., Shinkunas,L., Brandt, D., **Daack-Hirsch, S.**, & Driessnack, M. (2011). Informed consent and genomic incidental findings: IRB Chair perspectives. *Journal of Empirical Research on Human Research Ethics*, 6(11), 53-67. Doi:10.1525/jer.2011.6.4.53
41. **Daack-Hirsch, S.** & Gamboa, H. (2012). Working-class Filipino women's perspectives on factors that facilitate or hinder prenatal micronutrients supplementation to prevent

- congenital anomalies. *Asia-Pacific Journal of Public Health*, 24(6), 1023-1035. Epub April 28, 2011. Doi: 10.1177/1010539511406711
42. Williams, J. K., **Daack-Hirsch S.**, Driessnack, M., Shinkunas L., Brandt D., & Simon, C. (2012). Researcher and IRB Chair Perspectives on Incidental Findings in Genomic Research. *Molecular Testing and Molecular Biomarkers*, 16(6): 508-513. Epub Feb. 21 2012. Doi: 10.1086/gtmb.2011.0248
43. **Daack-Hirsch, S.**, Driessnack, M., Perkhounkova, Y., Furukawa, R., Ramirez, A. (2012). A Practical first step to integrating genetics into curriculum. *Journal of Nursing Education*, 51(5), 294-298. Epub 2012 March 9. Doi:10.3928/01484834-20120309-02
44. Letra, A., Kakhouri, W., Fonseca, R. F., Menezes, R., Kempa, I., Prasad, J. L., McHenry, T. G., Lidral, A. C., Moreno, L., Murray, J. C., **Daack-Hirsch, S.**, Marazita, M. L., Castilla, E. E., Lace, B., Orioli, I. M., Granjero, J. M., Schutte, B. C., Vieira, A. R. (2012). Interaction between IRF6 and TGFA genes contribute to the risk of nonsyndromic cleft lip/palate. *PLoS ONE*. Doi: 10.1371/journal.pone.0045441
45. Downing, N., William, JK., **Daack-Hirsch, S.**, Driessnack, M., & Simon, CM (2012). Genetic specialists' perspectives on disclosure of genomic incidental findings in the clinical setting. *Patient Education and Counseling*, 90, 133-138. Epub Oct. 12.2012: doi: 10.1016/j.pec.2012.09.010
46. **Daack-Hirsch, S.**, Holtzer, C., & Cunniff, C. (2013). Parental perspectives on the diagnostic process for Duchenne and Becker muscular dystrophy. *American Journal of Human Genetics Part A*, 161(14). 687-695. Epub Mar 12. Doi: 10.1002/ajmg.a.35810
47. Brandt, D.S, Shinkunas L., Hillis, S.L., **Daack-Hirsch, S.**, Driessnack, M., Downing, N., Liu. M.F., Shah, L.L., Williams, J.K., Simon, C.M. (2013) A Closer look at the recommended criteria for disclosing genetic results: Perspectives of medical genetic specialists, genomic researchers, and Institutional Review Board chairs. *Journal of Genetic Counseling*, 22(4). 544-553. Epub Apr 2. Doi 10.1007/s10897-013-9583-5
48. Driessnack, M., **Daack-Hirsch, S.**, Downing, N., Hanish, A., Shinkunas, L., Shah, L., Simon, C., & Williams, J.K. (2013). The disclosure of incidental genomic findings: An 'ethically important moment' in pediatric research and practice. *The Journal of Community Genetics*, 4(4), 435-444. Epub Apr 10. Doi: 10.1007/s12687-013-0145-1
49. **Daack-Hirsch, S.**, Driessnack, M., Hannish, A., Johnson, V., Shah, L., Simon, C., & Williams, J.K. (2013). "Information is Information": Public perspectives on genomic incidental findings in clinical testing and research. *Clinical Genetics*, 84. 11-18. Epub April 16. Doi: 10.1111/cge.12167
50. Mansilla, M.A., **Daack-Hirsch, S.**, & Murray, J.C (in press). ROR2 gene mutation search in cleft lip with or without cleft palate and limb defects. Submitted to *The Cleft Palate-Craniofacial Journal : Official Publication of the American Cleft Palate-Craniofacial Association* September, 2012.
51. *Williams, JK., Driessnack, M., **Daack-Hirsch, S.**, Downing, N., & Simon, CM. (2013) Disclosure of incidental genomic findings involving children: are we making progress?

Personalized Medicine, 10(6). 519-521. Doi: 10.2217/PME.13.48@2013 Future Medicine Ltd.

52. *Williams, JK., **Daack-Hirsch, S.**, Driessnack, M., Downing, N., & Simon, CM. (2013) The Importance of patient engagement. *Genetic Testing and Molecular Biomarkers*, 17(9). Epub August 13, 2013. Doi: 10.1089/gtmb.2013.0346
53. ***Daack-Hirsch, S.**, Jackson, B., Belchez, C. A., Elder, B., Hurley, R., Kerr, P., & Nissen, M. K. (2013). Integrating Genetics and Genomics into Nursing Curricula: You Can Do It Too! *Nursing Clinics of North America*, 48(4), 661-669.
54. ***Daack-Hirsch, S.** Campbell, C.A. (2014) The role of patient engagement in personalized healthcare. *Personalized Medicine*, 11(1), 1-4. Doi: 10.2217/PME.13.102
55. AlAzzam, M. & **Daack-Hirsch, S.** (2015). Arab Immigrant Muslim Mothers' Perceptions Of Children's Attention Deficit Hyperactivity Disorder. *Procedia-Social and Behavioral Journal*, 185, 23-34. (ISSN: 1877-0428)
56. *Conley, Y.P., Heitkemper, M., McCarthy, D., Anderson, C., Corwin, E.J., **Daack-Hirsch, S.**, Dorsey, S.G., Gregory, K.E., Groer, M.W., Henly, S.J., Landers, T., Lyon D.E., Taylor, J.Y., Voss, J. (2015). Educating Future nursing scientists: Recommendations for integrating omics content in PhD programs. *Nursing Outlook*, 63(4), 417-427. doi: org/10.1016/j.outlook.2015.06.006.
57. Williams, J.K., Tripp-Reimer, T., **Daack-Hirsch, S.**, & DeBerg, J. (2016). Five-year bibliometric review of genomic nursing science research. *Journal of Nursing Scholarship*, 48(2), 179-186. Epub Feb 2, 2016. doi: 10.1111/jnu.12196..
58. Shah, L., P Perkhounkova, Y., **Daack-Hirsch, S.** (2016). Evaluation of the Perception of Risk Factors for Type 2 Diabetes Instrument (PRF-T2DM) in an at-risk, non diabetic population. *Journal of Nursing Measurement*, 24(2), E83-E100. doi: org/10.1891/1061-3749.24.2.E83. PubMed PMID:27535305
59. ***Daack-Hirsch, S.** (2016). International Society of Nurses in Genetics (ISONG) 2015 World Congress: Epigenetics across the lifespan. *Biological Research for Nursing*, 18(2), 125-126. doi: 10.1177/1099800416630133.
60. Seven, M., Akyuz, A., Eroglu, K., **Daack-Hirsch, S.**, & Skirton, H. (2016). Women's knowledge and utilization of prenatal screening tests: A Turkish study. *Journal of Clinical Nursing* 26(13-14), 1869-1877. Epub March 20, 2016. doi: 10.1111/jocn.13494.
61. Abad PJB, Anonuevo CA, **Daack-Hirsch S**, Abad LR, Padilla CD, Laurino MY. (2017) Communication about Congenital Adrenal Hyperplasia: Perspective of Filipino Families. *Journal of Genetic Counseling* 26(4), 763-775. Epub Nov. 10, 2016: doi:10.1007/s10897-016-0043-x
62. **Daack-Hirsch, S.**, Pendergast, J., Momany, E., Ginader, T., Ghattas, A., & Stewart, S. (2017). Addressing the decline in the uptake of the Iowa Maternal and Prenatal Screening Program. Iowa City, IA: University of Iowa Public Policy Center

(<http://ppc.uiowa.edu/publications/addressing-decline-uptake-iowa-maternal-and-prenatal-screening-program>)

63. **Daack-Hirsch, S.** Shah, L., & Cady, A., (2018). Mental models of cause and inheritance for type 2 diabetes among unaffected individuals who have a positive family history. *Qualitative Health Research*, 28(4), 534-547. Epub December 14, 2017 doi:10.1177/1049732317745052. PubMed PMID: 30272391
64. Shah, L. & **Daack-Hirsch, S.** (2018). Family communication about genetic risk of inherited cardiac conditions: An Integrated review. *Journal of Genetic Counseling*, 27(5), 1022-1039. Epub Feb. 28, 2018. doi:10.1007/s10897-018-0225-9. PubMed PMID: 29492742; PubMed Central PMCID: PMC6113126

Book Chapters

1. **Daack-Hirsch, S.** (2001). Chapter One, Genetic Disorders, section on cleft lip and palate. *Professional Guide to Diseases* seventh ed. Philadelphia: Springhouse, p.42-45.
2. Driessnack, M. & **Daack-Hirsch, S.** (2015). Chapter 41: Genetics Disorders. In Burns, et al. (Ed.) *Pediatric Primary Care* (6th ed.). St. Louis, M: Elsevier p.1148-1169.
3. **Daack-Hirsch, S.** & Shah, L. (2017) Case Study: Complexity of common disease and big data. In Delaney, C., Weaver, C.A., Warren, J., Clancy, T., & Simpson, (Ed.). *Big Data-Enabled Nursing Education, Research and Practice*. London, NY: Springer p 197-209.
4. Tripp-Reimer, T., **Daack-Hirsch, S.**, & Onsongo. L. (2017). Ethnography. In Fitzpatrick, J. (Ed.) *Encyclopedia of Nursing Research* (4th ed). New York, NY: Springer p.

Reviews

1. **Daack-Hirsch, S.** (2007). Review: A different type of appointment': The experiences of parents who have children with intellectual disabilities referred for genetic investigation. *Journal of Research in Nursing*, 12(6), 653.

GRANT FUNDING

Intramural Research

Title:	Context for Community Based Interventions to Prevent Orofacial Clefting: On-site interviews
Role:	Principal Investigator
Funding Source:	International Society of Nurses in Genetics
Dates	01/01/2005- 12/31/2005
Amount:	\$1,500.00
Title:	Context for Filipino CB Cleft Prevention Interventions
Role:	Principal Investigator
Funding Source:	Gamma Chapter, Sigma Theta Tau Research Grant College of Nursing, University of Iowa
Dates:	2006
Amount:	\$1,000.00
Title:	Context for Filipino CB Cleft Prevention Interventions- Analysis
Role:	Principal Investigator
Funding Source:	The University of Iowa Old Gold Summer Fellowship, The University of Iowa
Dates:	2007

Amount:	\$6,000.00
Title:	Genetic Literacy of Undergraduate Nursing Students and Faculty: An Exploratory Study
Role:	Principal Investigator
Funding Source:	Gamma Chapter, Sigma Theta Tau Research Grant College of Nursing, University of Iowa
Dates:	2009-2010
Amount:	\$2,500.00
Title:	Obesity Phenotype Identification
Role:	Co-Investigator (M. Clark, PI)
Funding Source:	Institute for Clinical and Translational Science /CTSA
Dates:	June 1, 2011- May 31, 2012
Amount:	\$49,000.00
Title:	Personalizing Familial Risk Perception for Type 2 Diabetes Mellitus
Role:	
Funding Source:	University College of Nursing Dean's Award
Dates:	November 1, 2014- June 30, 2017
Amount:	\$65,000.00

Extramural Research

Title:	Context for Filipino CB Cleft Prevention Interventions
Role:	Principal Investigator
Funding Source:	NIH F31 NR008655
Dates:	01/01/2004-12/31/2006
Amount:	\$76,380.81
Title:	Molecular Genetic Epidemiology of Cleft Lip and Palate
Role:	Co-Investigator (JC Murray, PI)
Funding Source:	NIH R37 DE-08559
Dates:	9/1/04-8/31/09
Amount:	\$2,100,00.00
Title:	Craniofacial Anomaly Research Center (supplement)
Role:	Co-Investigator (JC Murray, PI)
Funding Source:	NIH P50 DE-16215-04S1 supplement
Dates:	8/1/07-7/31/2010
Amount:	\$1,494,568.00
Title:	Surveillance and Epidemiologic Research of Duchenne and Becker Muscular Dystrophy
Role:	Faculty Investigator (PA Romitti, PI)
Funding Source:	CDC U50 CCU722318
Dates:	9/1/07-8/31/08
Amount:	\$3,012,952.00
Title:	Improving the Diagnostic Process for Families of Children with DBMD

Role:	Co-Investigator (CM Cunniff, PI)
Funding Source:	CDC MM-1064-09/09
Dates:	9/1/08-8/31/2011
Amount	\$26,250/ \$187,440
Title:	Managing Incidental Findings in the Genomic Era
Role:	Co-Investigator (JK Williams and C. Simon Pis)
Funding Source:	NIH/RC1 HG005786
Dates:	9/30/09-8/31/2012
Amount	\$850,150.00
Title:	Molecular Genetic Epidemiology of Cleft Lip and Palate
Role:	Co-investigator (JC Murray, PI)
Funding Source:	NIH R37 DE-08559
Dates:	9/1/09-8/31/14
Amount	\$2,444,164.00
Title:	Extending the Phenotype of Nonsyndromic Orafacial Clefts
Role:	Co-investigator (Marazita, M. PI)
Funding Source:	NIH R01 DE016148
Dates:	12/1/09 – 6/30/13
Amount	\$76,103
Title:	Pain and Associated Symptoms: Nurse Research Training (PI: Herr/McCarthy)
Role:	Core Faculty Member
Funding Source:	NIH/NINR T32 NR011147
Dates:	2009-2021
Amount	\$1,255,762
Title:	Personal Perspective and Provider Communication of Genomic Risk for T2DM
Role:	Principal Investigator
Funding Source:	NIH 1 K23 NR012972-01
Dates:	9/1/2011 – 12/31/2014
Amount:	\$122,439/\$380,014
Title	Addressing the Decline in the Uptake of the Iowa Maternal and Prenatal Screening Program
Role:	PI
Funding Source:	Iowa Department of Public Health
Dates:	11/02/2012-10/31/2016
Amount	\$50,000
Title	Evaluate the Effectiveness of the Prediabetes Communication Plan (Campo, S. PI)
Role:	Co-Investigator
Funding Source:	Iowa Department of Public Health

Dates:	11/1/2015-6/26/2016
Amount	\$70,600
Title	Communication of Genetic Risk for Hereditary Breast Ovarian Cancer from Proband to Relatives (Seven, M PI)
Role:	Co-Investigator
Funding Source:	European oncology nursing society
Dates:	2/20/2016-2/20/2018
Amount	\$42,484
Title	Communication of Genetic Risk for Hereditary Breast Ovarian Cancer from Proband to Relatives (Seven, M. PI)
Role:	Co-Investigator
Funding Source:	ISONG
Dates:	Submitted Spring 2015/ Not funded
Amount	\$2,000
Title	Center for Advancing Multimorbidity Science: Profiling risk and symptom expression to develop customized therapies for adults with multiple chronic conditions (CAMS)
Role:	Center Faculty/ Director of the Enrichment Core
Funding Source:	NIH/NINR 1 P20 NR018081-01
Dates:	8/13/2018-5/31/2023
Amount	\$1,859,566
Title	Unresolved Issues in Expanded Newborn Screening: Assessing Post Screening Harms (Tarini, B)
Role:	Co-Investigator
Funding Source:	NIH-NICHD R01 HD087506-01A1
Dates:	04/04/2018 – 03/31/2023
Amount	\$3,756,657

RESEARCH & CLINICAL PRESENTATIONS

International Keynote/invited

<i>Date</i>	<i>authors, title, meeting, location</i>
1994	Daack-Hirsch, S. (1994). <i>Molecular genetics of craniofacial anomalies</i> . [Invited Speaker] The American Cleft Palate Craniofacial Association Meeting; Toronto, Ontario Canada; May 21, 1994.
1999	Daack-Hirsch, S. (1999). <i>Genetic counseling in nursing practice</i> . [Invited Speaker] The First National Genetic Nursing Conference; Tokyo, Japan; November 1999. Proceeding published in, <i>Pick up nursing view: Beginning of genetic nursing</i> . Kangogijustu 46: 71-78, 2000
2007	Daack-Hirsch S. (2007) <i>Genetic epidemiology research strategies</i> . [Invited Speaker] 20 th Annual ISONG Conference, Preconference; Bristol, England; May 18, 2007.
2014	Daack-Hirsch, S. (2014) <i>Personal Genetic Information Its Power, Promises</i>

	<i>and Problems.</i> [Plenary Session] ISONG, Phoenix, AZ November 6-8
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Panel/Invited

<i>Date</i>	<i>authors, title, meeting, location</i>
2007	Van Riper, M., Daack-Hirsch, S., Barr, O., & Ormond, K. (2007) Debate Issue: <i>Prenatal genetic testing devalues the lives of disabled persons in our community.</i> Panel Presentation for the motion; 20 th Annual ISONG Conference; Bristol, England; May 19, 2007.
2013	Moderator- Jones, M. Speakers: Moreno, L., Butali, A., & Daack-Hirsch, S., (2013). <i>Research Priorities: Part II- Genetics, Ethics, and Possibilities. International cleft palate meetings.</i> 12 th International Congress on Cleft lip/palate and related Craniofacial anomalies. May 5-19, 2012; Orlando, FL

Presentation

<i>Date</i>	<i>authors, title, meeting, location</i>
2007	Daack-Hirsch (2007) <i>Context for community based cleft prevention interventions in the Philippines.</i> [Podium presentation] Excellence in Nursing through Collaboration: International Conference Celebrating 100 th Anniversary of College of Nursing Seoul National University; Seoul, Korea; October 18, 2007.
2011	Downing, N., Williams, JK., Daack-Hirsch, S. & Simon, C (2011) Genomic incidental findings: What are they and what should we do about them? [Podium presentation] American College of Medical Genetics, Vancouver, British Columbia, Canada March 16, 2011
2011	Williams, J.K., Daack-Hirsch, S., Downing, N., Spore, A., Johnson, V., Alasgheirin, M., Driessnack, M., & Simon, C. (2011). <i>Researcher and public reflections on reporting incidental findings to participants in genomic research.</i> [Podium presentation] ISONG, Montreal, CA, October 2011
2011	Daack-Hirsch, S., Spore, A., Williams, J.K., Driessnack, M., & Simon, C. (2011). <i>Managing incidental findings from genomic testing: A public perspective.</i> [Poster] ASHG/ICHG Meeting, Montreal, Canada, October 11-15.
2013	Daack-Hirsch, S., Shah, L., Bannon, J., Curran, K. (2013). <i>Personalizing Familial Risk for Type 2 Diabetes Mellitus: From the Patient's Point of View.</i> [Podium presentation] ISONG, Bethesda, MD, October 4-6.
2013	Curran, K., Shah, L., Bannon, J., Daack-Hirsch, S. (2013). <i>Is the family history of T2 diabetes a practical screening tool?</i> [Podium presentation] ISONG, Bethesda, MD, October 4-6.
2014	AlAzzam, M. & Daack-Hirsch, S. (2014). Arab Immigrant Muslim Mothers' Perceptions Of Children's Attention Deficit Hyperactivity Disorder (ADHD). [Podium presentation] World Conference on Psychology and Sociology, İzmir, Kuşadası, Turkey, November 6-8.
2014	Daack-Hirsch, S. & Shah, L (2014) <i>A comparison between personal and clinical assessments of risk for T2DM: A convergent parallel mixed method study.</i> [Podium presentation] ISONG, Phoenix, AZ November 6-8
2016	Daack-Hirsch, S., Shah, L., Cady, A., Jones, K., Rocha, B., & Schumacher, A. (2016). <i>Personalizing Familial Risk Perception for Type 2 Diabetes.</i> [Podium presentation] 2016 ISONG World Congress: Integrating Genetics Across Nursing Practice; August 4-6, 2016, Dublin Ireland

2016	Tinkle, M. & Daack-Hirsch, S. (2016). <i>Examining the Evidence for Clinical Decision Support Tools for Genetic Testing</i> . [Podium presentation] 2016 ISONG World Congress: Integrating Genetics Across Nursing Practice; August 4-6, 2016, Dublin Ireland
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National/Regional
Keynote/invited

<i>Date</i>	<i>authors, title, meeting, location</i>
1996 & 1997	Daack-Hirsch S. (1996 & 1997). <i>Molecular testing in genetic counseling</i> . [Invited Speaker] International Society of Nurses in Genetics Annual Conference; October 1996 & 1997.
1996	Daack-Hirsch, S. (1996). <i>Craniofacial genetics: impact across the life span</i> . [Invited Speaker] International Society of Nurses in Genetics Annual Conference; October 1996
1999	Daack-Hirsch, S. (1999). <i>Molecular strategies for cleft lip and cleft palate research</i> . [Invited Speaker] International Society of Nurses in Genetics Annual Conference; October 1999.
2005	Daack-Hirsch, S. (2005). <i>Cleft lip and palate in the Philippines</i> . [Invited platform presentation] International Society of Nurses in Genetics Annual Conference; Salt Lake City UT; October 2005.
2007	Daack-Hirsch, S. (2007). <i>Gene discovery in complex disorders: Exemplar cleft lip and palate</i> . [Invited Speaker] Society of Pediatric Nurses 17 th Annual Convention; Milwaukee, WI; April 2007.
2015	Daack-Hirsch, S. (2015). <i>New Insights into the Nature vs. Nurture Debate: Implications for Child Health and Development</i> [Invited Speaker] The University of Texas at Austin; St. David's Center for Health Promotion and Disease Prevention Research in Underserved Populations (SDCHPR), April 1, 2015.
2015	Daack-Hirsch, S. (2015). <i>Genomics and Your Practice</i> [Invited Speaker] The 18 th Annual NPWH Premier Women's Healthcare Conference; Salt Lake City, UT; October 2015.

Presentation

<i>Date</i>	<i>authors, title, meeting, location</i>
2006	Daack-Hirsch, S. (2006). <i>Context for community based cleft prevention interventions</i> . [Podium presentation] International Society of Nurses in Genetics Annual Conference; New Orleans, LA; October 2006.
2010	Daack-Hirsch, S. & Driessnack, M. (2010). <i>Measuring genomic literacy of nursing student</i> . [Poster] Midwest Nursing Research Society, April 11, 2010
2010	Driessnack, M. & Daack-Hirsch, S. (2010). <i>Assessing genetic literacy of nursing faculty, students, and practitioners</i> . [Podium presentation] Western Institute of Nursing; April 16, 2010
2010	Daack-Hirsch, S., Williams, J.K., Simon, C., Driessnack, M., Downing, N, Johnson, V. Shinkunas, L., & Spore, A (2010). <i>Ethical Issues in Incidental Findings from Genomic Testing</i> . [Podium presentation] International Society of Nurses in Genetics Annual Conference; Dallas, TX; October 17, 2010
2010	Daack-Hirsch, S & Driessnack, M.(2010). [Podium presentation] <i>Genetic literacy of undergraduate nursing students and faculty: An exploratory study</i> . International Society of Nurses in Genetics Annual Conference; Dallas, TX;

	October 17, 2010
2010	Simon, C., Williams, J., Shinkunas, L. & Daack-Hirsch. (2010). <i>IRB chair perspectives on genomic incidental findings</i> . [Poster] Primer (Advance Ethical Research Conference; San Diego, CA.; December 8, 2010).
2011	Spore, A., Daack-Hirsch, S., Williams, JK., & Simon, C. (2011). Disclosure of incidental findings from genomic testing: A public perspective. [Poster] Midwest Nursing Research Society; Columbus, OH; March 2011; Translational Genomics: Health Sciences Research week, University of Iowa College of Medicine, Iowa City Iowa, April 13 th , 2011; Student Interdisciplinary Health Research- Poster Session, Eckstein Medical Research Building, Iowa City, Iowa, April 26, 2011.
2011	Daack-Hirsch S., Holtzer, C. & Cunniff, C (2011). <i>Parental perspective of diagnostic delay for their son with Duchenne/Becker muscular dystrophy (DBMD)</i> . [Podium presentation] Midwest Nursing Research Society; Columbus OH; March 2011.
2011	Driessnack, M., Alasagheririn, M., Daack-Hirsch, S., Williams, J.K., & Simon, C. (2011). <i>"It's hard for them, it's hard for us": Clinician, Laboratory Professionals, Researcher, & IRB Chair perspectives on issues surrounding incidental genomic findings in children</i> . [Poster] Seventh Annual Pediatric Bioethics Conference; Seattle, WA, July 22 -23, 2011.
2012	Williams, JK., Daack-Hirsch, S. Driessnack, M., Shinkunas, L., Downing, N., & Simon, C (2012). <i>Return of Individual Incidental Findings in Genomic Research</i> [Podium presentation] Midwest Nursing Research Society; Dearborn, MI., April 12-15, 2012.
2012	AlAzzam, M. & Daack-Hirsch, S. (2012). <i>Arab Immigrant Muslim Mothers' Perceptions of Attention Deficit Hyperactivity Disorder (ADHD)</i> . [Poster-discussion-Daack-Hirsch presenter] Midwest Nursing Research Society; Dearborn, MI., April 12-15, 2012.
2012	Mary L. Marazita, M.L., Cooper M.E., Govil, M., Weinberg, S., Jeffrey C. Murray, J.C., Brandon, C., Ford, M., Losee, J., Czeize, A., Vieira, A., Castilla, E. & Daack-Hirsch, S. (2012). <i>Sub-clinical phenotypes used to dissect genetic heterogeneity in cleft lip with/without cleft palate in the University of Pittsburgh oral facial cleft study</i> . [Podium presentation] 69 th Annual Meeting of the American Cleft Palate-Craniofacial Association; San Jose, California, April 17-21, 2012.
2012	Ungerer, L.L., Daack-Hirsch, S., Driessnack, M., Simon, C., & Williams, J.K. (2012). <i>"It might lead to answers". Examining views on incidental findings through caregivers' narratives about their child's diagnostic dilemmas</i> . [Poster]. 25 th Annual ISONG Conference; Philadelphia, PA, October 26-27
2012	Daack-Hirsch S., Driessnack, M., Hanish, A., Johnson, V., Simon, C., & Williams, J.K. (2012). <i>Public Expectations for Communicating Incidental Findings in Genetic Testing</i> . [Podium presentation] 2012 State of the Science Congress on Nursing Research. Washington DC, September 13-15, 2012.
2013	Sparbel, K.J.H., Driessnack, M., & Daack-Hirsch, S. (2013, April). <i>Insights from Pre-licensure Students/Faculty: Implications for Genetic/Genomic Competency in Advanced Practice Nurses</i> . Electronic poster presentation at the 39 th Annual Meeting of the National Organization of Nurse Practitioner Faculties, Pittsburgh, PA.
2014	Daack-Hirsch, S. & Shah, L (2014) <i>A comparison between personal and clinical assessments of risk for T2DM: A convergent parallel mixed method</i>

	<i>study</i> . [Podium presentation] 2014 State of the Science Congress on Nursing Research. Washington DC, September 18-20.
2015	MNRS Symposium Epigenetic Discovery: <i>Unraveling Environment, Genome, and Health Interactions: Daack-Hirsch Epigenetics</i> : [Podium presentation] The Intersection of Social and Biological Science; MNRS 39 th ANNUAL RESEARCH CONFERENCE, April 15-19, 2015 Indianapolis, IN
2015	Jones, K., Rocha, B, Shah, L, & Daack-Hirsch S. (2015). <i>Saliency in T2DM Familial Risk Personalization Process</i> [Poster] MNRS 39 th ANNUAL RESEARCH CONFERENCE, April 15-19, 2015 Indianapolis, IN
2015	Rocha, B, Jones, K, Shah, L, & Daack-Hirsch S. (2015). <i>Vulnerability in T2DM Familial Risk Personalization Process</i> [Poster] MNRS 39 th ANNUAL RESEARCH CONFERENCE, April 15-19, 2015 Indianapolis, IN
2015	Daack-Hirsch, S., Jones, K., Rocha, B., & Shah, L. (2015). <i>Personalizing Familial Risk for Type 2 Diabetes Mellitus</i> [Poster]. NINR 30 th Anniversary Scientific Symposium: Advancing Science, Improving Lives; October 13, 2015, NIH Bethesda, MD

Local
Keynote/invited

<i>Date</i>	<i>authors, title, meeting, location</i>
1993	Daack-Hirsch, S. (1993). <i>Psychosocial aspects of parenting children with NF</i> . [Invited Speaker] The National NF Foundation; Iowa City, IA; November 1993.
2005	Daack-Hirsch, S. (2005). <i>Reality of genetic testing</i> . [Invited Speaker], Co-College Human Genome Project Promises and Reality Seminar; Cedar Rapids, IA; February 2005.
2010	Daack-Hirsch, S. (2010). <i>Genetics education for nurses</i> . [Podium presentation] Heartland genetics & newborn screening collaborative seventh annual conference; Des Moines, IA; September 23, 2010
2010	Daack-Hirsch & Driessnack (2010) <i>Survey of faculty and students' genetic knowledge</i> . [co-presenters] University of Iowa College of Nursing Collegiate Research Forum; Iowa City, IA October 12, 2010
2010	Daack-Hirsch, S. (2010). <i>Genetics: Implications for primary care</i> . [Invited speaker] Iowa Nurse Practitioner Society 12 th Annual Conference; Des Moines, IA; November 4, 2010
2012	Daack-Hirsch, S. and Williams, JK. (2012). <i>Personal Genetic Information: Its power, promise, and problems</i> . The University of Iowa Mini Medical School: Iowa Institute of Human Genetics Seminar Series. Iowa City, IA, November 27, 2012.
2013	Daack-Hirsch, S. (2013). <i>The Immortal Life of Henrietta Lacks: A Discussion of Science Ethics and Community Engagement</i> . Panel member for Open forum between The University of Iowa and Iowa City communities. University of Iowa College of Public Health, Iowa City, IA September 25.
2013	Daack-Hirsch, S. (2013) "Genetics and New Technologies" Panel member WorldCavnass (Multimedia production for The University of Iowa International Program) Aired on UIVT and KRUI-FM on February 15.
2014	Daack-Hirsch, S. (2014). <i>Personal Genetic Information: Its power, promise, and problems</i> . The University of Iowa Mini Medical School: Iowa Institute of Human Genetics Seminar Series. Des Moines, IA February, 2014.
Feb, 2014	Daack-Hirsch, S. (2014) Genetics in Society. High School Biology and 2

	sections of 8 th grade Science at Lone Tree School, Lone Tree, IA. February 2014
2015	Daack-Hirsch, S. (2015). <i>A comparison between personal and clinical assessments of risk for T2DM: A convergent parallel mixed method study</i> . Research Night; Zeta Chi chapter of STTI; Des Moines, IA; April 9, 2015
2015	Daack-Hirsch, S. (2015). <i>Personal Genetic Information: Its power, promise, and problems</i> . The University of Iowa Mini Medical School: Iowa Institute of Human Genetics Seminar Series. Davenport, IA; April 2015.
2017	Daack-Hirsch, S. (2017) <i>Research Ethics</i> . The University of Iowa, Iowa Bioscience Academy. Iowa City, IA July 2017

Presentation

<i>Date</i>	<i>authors, title, meeting, location</i>
Spring 2014	Shah, L. & Daack-Hirsch, S. (2014). Perception of Risk Factors for Type 2 Diabetes Instrument (PRF-T2DM): A mixed-method approach to re-examine construct validity. The University of Iowa Health Science Research Week
Spring 2014	Shah, L. & Daack-Hirsch, S. (2014). Perception of Risk Factors for Type 2 Diabetes Instrument (PRF-T2DM): A mixed-method approach to re-examine construct validity. The University of Iowa Interdisciplinary Health Best poster Award
Fall 2014	Daack-Hirsch, S (2014). Integrating genetics into nursing curriculum. IACN, Newton, IA Fall conference.

PROFESSIONAL MEMBERSHIP

<i>Date</i>	<i>Organization</i>
1990- present	International Society of Nurses in Genetics (ISONG)
1999- present	Sigma Theta Tau
2003- present	INA/ANA
2006- present	Midwest Nursing Research Society (MNRS)

SERVICE

PROFESSIONAL SERVICE

Professional Organizations

1995-1997	Chair, International Society of Nurses in Genetics (ISONG); Newsletter Committee
1998	Reviewer, Jones and Bartlett: <i>Genetics in Clinical Practice; New Directions of Nursing and Health Care</i> .
2005	Reviewer, Springer Publisher; <i>Clinical Genetics in Nursing Practice</i> .
2007	Chair, International Society of Nurses in Genetics; 20 th Annual Pre Conference: Epidemiology and Genomics.
2006-2008	Chair, International Society of Nurses in Genetics; Membership Committee
2008-2010	Chair/member, ISONG; Abstract/Poster committee Annual Educational Conference
2009-present	Peer Reviewer for Cleft Palate-Craniofacial Journal
2009-2014	Member, Heartland Genetics & Newborn Screening Collaborative Education Committee
2010-present	Peer Reviewer for Asian Pacific Journal of Public Health
2011-present	Peer Reviewer for Journal of Pediatric Health Care
2011-present	Invited reviewer for American Journal of Medical Genetics Part A

2012	Chair, ISONG Speakers Bureau Task Force
2012	Member, ISONG Ethics Committee
2013	Committee member review nominations for ISONG Founders' awards
2013-2014	Member at Large, ISONG Board of Directors
2013-2015	Chair, ISONG Education Committee
Nov 2014-Oct 2015	President Elect ISONG
Nov. 2015- Oct 2016	President ISONG
Nov. 2016- Oct 2017	Past President ISONG; Chair of Award, Nominations, and Bylaws

Professional Consultation

*2008-2014/member *2014-2015/co-chair *2015-2016/chair *2016-present/member	Center for Congenital and Inherited Disorders (CCID) Advisory Committee (Advisory board to the Iowa Department of Health on statewide genetics services) representing Iowa Nurses
2009-2015	Editorial Board Member, Genetics/Genomics Competency Center (G2C2) funded by the NIH National Human Genome Research Institute to provide learning management system to facilitate curriculum development.
2009-2011	Consultant, Heartland Genetic and Newborn Screening Collaborative Genomic Nursing in the Heartland Initiative. Provide consultation to school's of nursing in the Heartland Genetic region who demonstrate a commitment to integrate genetic content into the curriculum.
7/1/2011-2012	Advisory Board Member, Global Genetics and Genomics Community (G3C) funded by the Health Resources and Services Administration, Bureau of Health Professions, Division of Nursing and Air Force Medical Support Agency with support by the NIH (NCI and NHGRI). G3C is a bilingual collection of unfolding case studies for use with students and/or healthcare providers learning genetic/genomic concepts.
8/1/2011-October, 2011	Invited Member, Collaborative Genomics Services Project and Summit: Interdisciplinary work groups whose charge is to map the existing genetic/genomic competencies (knowledge and skills) of different health care providers in delivering the genomic services. Project funded by the National Society of Genetic Counselors (Genetics Counseling Foundation)
August, 2013	Invited Member, Advancing Genomic Nursing Science Workshop (NINR and the Office of Rare Disease Research/NCATS)
2013-2014	Invited Member, The CANS Idea Festival for Nursing Science Education: <i>Linking PhD Education with a Vision for Science (OMICS subgroup)</i> .
August 2014	Invited Member, Genomic Nursing Science Blueprint: Next Steps (NINR and the Office of Rare Disease Research/NCATS)
2015-present	External Advisory Board to the University of Dubuque Nursing Program
2015-present	Expert panel member: ONSEN Advisory Panel identified the limited knowledge, skills, and training of nurse scientists to conduct genomic research as obstacles in the promotion of genomic nursing science.
March 2015	Invited External Reviewer for OHSU School of Nursing PhD program
March 2015	Half-Day Workshop on <i>Genetics and Environment in the Prevention of Chronic Disease</i> . March 31, 2015, Tuesday, at the University of Texas at

	Austin
June 2016- November 2016	Invited Member of the Iowa Department of Public Health Maternal Prenatal Screening Task Force
April 2017- June 30, 2018	Consultation to the University of New Mexico, School of Nursing in Albuquerque, NM. Boosting Genetics/Geomics in the Curricula
October 2017	Half-Day Workshop: <i>Boosting Genetics/Geomics in the Curricula</i> . October 16, 2017, at the University of New Mexico, in Albuquerque, NM

COLLEGIATE

University of Iowa College of Nursing

<i>Date</i>	<i>Position (Chair, member), Committee</i>
2007-2010	Member, RN-BSN admission committee
2007-2011	Member, Advance Practice in Genetic Nursing (APGN)
2008-2010	Member, PhD review task force
2009-2012	Member at large, UI College of Nursing, Faculty Council
2010-2013	Leader, College of Nursing Genetics Journal Club/genetics SIG
2011- 2013	Advisor, Research advisory group to the CON
2012-2013	Member, UI College of Nursing, Council on Student Affairs, Admissions, and Progression
2012-2013	Member, PhD Student Admission and Progression Committee
2012-2014	Chair, College of Nursing Nomination Committee
2013-2015	Chair, PhD Student Admission and Progression Committee
2013	Member, Search committee for College of Nursing Executive Associate Dean
2016-2017	Member, Search committee for College of Nursing Dean
Fall 2016-Sp 2019	Co-Chair of College of Nursing Faculty Organization
2016-	Advisor, Research advisory group to the CON

University of Iowa

<i>Date</i>	<i>Position (Chair, member), Committee</i>
2011-2013	Faculty facilitator, University of Iowa Principles of Scholarly Integrity
2012 (spring)	Member, IRB-02-Ad Hoc Advisory Group: Evaluation Application and Approval System Completed through IRB-02
2012-May 2017	Non-tenured member-at-large Senator, University of Iowa Faculty Senate
May 2017-May 2018	College of Nursing Senator, University of Iowa Faculty Senate
2012-2015	Member, Iowa Institute of Human Genetics (IIHG) Internal Advisory Board; College of Nursing representative.
2014-2017	College of Nursing Representative (Councilor), University of Iowa Faculty Council/Senate
May, 2014- 2015	Invited Member, Alcohol Harm Reduction Committee
December 2014- June 30, 2015	Grant Reviewer for the Internal Funding Initiatives program, The University of Iowa
2015	Member of the Doctoral Program Task Force Review Committee: Health Sciences subcommittee
August 2017- May 2018	Senator, University of Iowa Faculty Senate

October 2016- June 2018	Chair Faculty Senate Ad Hoc Committee to Remove AAUP Sanctions
April 2018-April 2019	Faculty Senate Vice President

COMMUNITY SERVICE

<i>Date</i>	<i>Position (Chair, member), Committee</i>
1991	Co-Chair, "Awareness Seminar on Neuromuscular Disorders" Kirkwood Community College, Cedar Rapids, IA
1994-2002	Girl Scout Leader and Service Unit Leader
2007-2008	Member, city wide program to provide sports physicals for student athletes
2007-2010	Member, The Iowa Soccer Club Board of Directors
2008-2009	President, Iowa Soccer Club Board of Directors
2011	Volunteer youth soccer coach; Coralville Iowa Recreation
Aug 2014	Guest speaker: Johnson County National alliance of Mental Illness. Topic: <i>Family History and Mental Health.</i>
May 2018-May 2021	Board of Directors for the Iowa Soccer Association

TEACHING

COURSE INSTRUCTION

<i>Dates</i>	<i>University</i>	<i>Program Level</i>	<i>Content Area (no #s) Didactic or Practicum; *web based</i>
September 1995- 2000	University of Iowa College of Medicine	Medical students	70:110 Intro to Medical Genetics, Group facilitator for discussion group, 25 students
Fall 1998-2004	University of Iowa College of Liberal Arts and Sciences	Undergraduate Language Science and the Arts	033:153 Hard Cases, didactic course on the implications of the Human Genome Project, 15-25 students
2002-2016	University of Iowa College of Liberal Arts and Sciences	Undergraduate	002:080 Genetics in the 21 st Century, didactic, 20-50 students
2004- 2007 Guest lecturer	University of Iowa College of Public Health	Graduate	Maternal Child Health in Public Health course —topics related to genetics. 10-15 students.
1/2006 – 5/2006	University of Iowa College of Nursing	MNHP	Teaching Assistant for Physical Assessment Lab, 12-15 students
2007- 2017 Guest lecture	University of Iowa College of Nursing	Undergraduate and Graduate	Health Assessment Across the Life Span, Human Growth and Development, Genetics Nursing Research, and Biological Phenomena in Aging, Pharmacological Interventions I, Pysch/Mental Health Nursing Theory I
Spring, 2007, 2008, 2009	University of Iowa College of Nursing	RN-BSN program	96:194 Leadership and Care Management, didactic, web based,

			80-120 students
Fall 2007, 2009	University of Iowa College of Nursing	Graduate	96:228 Advance Practice in Genetic Nursing I, didactic, web based, 9-15 students
Spring 2008, 2009	University of Iowa College of Nursing	Graduate	96:231 Advance Practice in Genetic Nursing Practicum II, 2 students
Fall 2008, 2009, 2010, 2011, 2015 Spring 2014, 2015	University of Iowa College of Nursing	Undergraduate/ Graduate	96:116/NURS3734 Introduction to Human Genetics, web based, 20-30 students
Fall 2008	University of Iowa College of Nursing	Graduate	96:229 Advance Practice in Genetic Nursing Practicum I, 1 student
Spring 2010	University of Iowa College of Nursing	Graduate	96:230 Advance Practice in Genetic Nursing II, didactic, web based, 4 students
Summer 2011 Visiting professor	University of the Philippines, Manila	Graduate/ Genetic counseling program	Impact of culture on genetic literacy among the public and providers, seminar, 10 students
Fall 2012-present	University of Iowa College of Nursing	Graduate	96:336 Designing Research, didactic/seminar 10-15 students
12/09/2014 Guest lecture	University of Iowa College of Public Health	Graduate	Overview of Cleft Palate Research: Community and Behavioral Health
Spring 2019 Guest lecture	University of Iowa College of Nursing	Graduate	NURS: 7404 Biological Markers in Health Research: Omics overview. Introduction to Epigenetics

STUDENTS MENTORED

Undergraduate Honors and Research Programs

<i>Dates</i>	<i>Name</i>	<i>Program</i>	<i>Title of Research/Project</i>
Fall 2008- Fall 2009	Amber Ramirez	College of Nursing Young Scientist Program	Genetic Literacy Among Undergraduate Nursing Students and Faculty
Spring 2010	Emily Vinson	Honors Independent Study	Genetic Literacy Among Undergraduate Nursing Students and Faculty
Summer 2012- 2014	Jacqueline Bannon	Iowa Biosciences Advantage	Personal Perspective and Provider Communication of Genomic Risk for T2DM
Fall 2012- Dec. 2013	Katie Curran	College of Nursing Young Scientist Program Honors Independent Study	Personal Perspective and Provider Communication of Genomic Risk for T2DM
Fall 2013- May 2015	BSN Class of May 2015	BSN n=19	
Spring 2014-2015	Brenda Rocha	BSN Honors; Iowa Center for Research by Undergraduate (ICRU)	What makes the risk for T2DM matter to people who have a positive family history?

		Fellow Summer AND Academic year 2014/15; 2014 UI CON Undergraduate MNRS poster presenter	
Spring 2014-2015	Kaitlyn Jones	Iowa Biosciences Advantage; 2014 UI CON Undergraduate MNRS poster presenter	Perception of Vulnerability for T2DM among people who have a positive family history
Summer 2014	Katherine Guo	High School Student Secondary Student Training Program (SSTP); The University of Iowa Belin and Bank.	Perceptions of Dietary Habits that Cause and Prevent Type 2 Diabetes Best poster presentation award
Fall 2015- Aug 2016	Alyssa Cady	Pre-Genetic Counseling	Personal Perspective and Provider Communication of Genomic Risk for T2DM

Graduate Theses/Projects

<i>Dates</i>	<i>Name</i>	<i>Role/Funding</i>	<i>Title of Research/Project</i>
2008	Susan Gillen	Committee member (MSN/genetics) University of Iowa College of Nursing	Portfolio: Genetic Nurse Specialist
2009- 2017	Lisa (Ungerer) Shah	Advisor and Chair University of Iowa College of Nursing (PhD/genetics)	Research: Communication of Genetic Risk for Sudden Cardiac Death from Probands to Relatives
2009-2011	Manar Alazzan	Co-Advisor and Chair /Thesis Chair (PhD)	Thesis: Arab Immigrant Muslim Mothers' Perceptions of Children's Attention Deficit Hyperactivity Disorder
2010	Amy Chebuhar	Committee member (MSN/School nurse) University of Iowa College of Nursing	Masters Project : Evaluating the Perceived Effectiveness of Picture Schedules on Reducing Anxiety Symptoms in Patients with an Autism Spectrum Disorder
2010	Mary Virnig	Committee member (DNP/genetics) University of Iowa College of Nursing	Portfolio: Genetic Nurse Specialist
2011	Constance Shelsky	Committee member (MSN) University of Iowa College of Nursing	Project: A tool to educate patients about research participation.
2010-2011	Alyson Spore	Advisor and Chair (masters/genetics)	Research: Managing incidental findings from genomic testing: A

2011-2014		Committee Member (PhD) University of Iowa College of Nursing	public perspective
2013-present	Stephanie Stewart	Advisor and Chair (PhD) University of Iowa College of Nursing	Research: Parents' experience during their child's resuscitation
2013-2016	Peter James Abad	Member of thesis committee (MSN in Genetic Counseling) The University of The Philippines-Manila	Research: Communication of Genetic Information in Filipino Families Affected with Congenital Adrenal Hyperplasia
2013-2017	Nicole Loew	Advisor and Chair (masters) Comprehensive exam Committee member (PhD) University of Iowa College of Nursing	Sex, Pregnancy, and the Responsible" Woman
2014-2017	Stephanie Edmonds	Comprehensive exam committee member (PhD) University of Iowa College of Nursing	
2015-2016	Eva Dimong	Member of thesis committee (MSN in Genetic Counseling) The University of The Philippines-Manila	Research: Cultural perspectives on children born with birth defects.
May – December 2015	Memnun Seven PhD, RN Assistant Professor	Visiting Scholar/mentorship Koç University School of Nursing İstanbul / Türkiye	Communication of Genetic Risk for Hereditary Breast Ovarian Cancer from Probands to Relatives
March 2016-October 2016	Melinda Tinkle PhD, RN Associate Professor	Visiting Scholar	Boosting Genetics/genomics in the Curricula
2015-2016	Katie Knox	Advisor and Chair (PhD) University of Iowa College of Nursing	Effectiveness of nurse residency programs
2015-	Katie Halbmaier	Co-Advisor and Co-Chair (DNP/genetics)	Evaluating the Practicality of Clinic-wide Utilization of

		University of Iowa College of Nursing	Pharmacogenetic Testing Among Seriously Mentally Ill People.
2015-2017	Lister Onsongo	Comprehensive exam and thesis committee member (PhD) University of Iowa College of Nursing	Examining cancer pain management practices among nurses in Kenya: A Focused ethnography
2016-	Darota Bartoszczyk	Comprehensive exam and thesis committee member (PhD) University of Iowa College of Nursing	Nurse Ownership of Pain Management among CA Patients
September 2017-	Sohyun Kim	Advisor and Chair (PhD) The University of Iowa College of Nursing	Interpersonal Communication Among Elders with Dementia and Family Members
July 2018-	Seyedehtanaz (Tannaz) Saeidzadeh	Comprehensive exam and thesis committee member (PhD) University of Iowa College of Nursing	
August 2018-	Andrea Jimmerson	Advisor and Chair (PhD) The University of Iowa College of Nursing	Cultural-based Nursing Care
August 2018-pres	Cathy Schwartz	Comprehensive exam and thesis committee member (PhD) University of Iowa College of Nursing	Value of Nursing Work