

CURRICULUM VITAE
IRINA VALERIEVNA HALLER, PhD, MS

OFFICE ADDRESS:

Essentia Institute of Rural Health
502 East Second Street
Duluth, MN 55805

PRESENT POSITION:

2010- Senior Research Scientist II, Essentia Institute of Rural Health (EIRH),
Duluth, MN
2011- Interim Manager, Research Informatics and Biostatistics

PAST POSITIONS:

1988 - 1990 Computer programmer/Statistical support specialist, Laboratory of
Neurophysiology of Thermoreception and Heat Exchange, Petrozavodsk
State University, Petrozavodsk, Russian Federation (RF)
1990 - 1993 Junior Researcher, Laboratory of Neurophysiology of Thermoreception
and Heat Exchange, Petrozavodsk State University, Petrozavodsk, RF
1991 Visiting scientist, Department of Physiology, University of Minnesota,
School of Medicine, Duluth, MN
1994 Visiting scientist, Department of Physiology, University of Minnesota,
School of Medicine, Duluth, MN
1993 - 1996 Research Associate, Laboratory of Neurophysiology of Thermoreception
and Heat Exchange, Petrozavodsk State University, Petrozavodsk, RF
1997 - 2000 Graduate Research Assistant, Large Lakes Observatory, University of
Minnesota, Duluth, MN
2000 - 2002 Statistical Programmer/Analyst, Division of Education and Research,
Duluth Clinic, Duluth, MN
2002 - 2004 Biostatistician, Division of Education and Research, Duluth Clinic,
Duluth, MN
2004 - 2010 Senior Research Scientist, Division of Education and Research, Duluth
Clinic, Duluth, MN

ACADEMIC APPOINTMENTS:

1989-1995 Instructor, Department of Cybernetics and Applied Mathematics,
Petrozavodsk State University, RF
1997 - present Adjunct Assistant Professor, Department of Biomedical Sciences
(previously Department of Physiology and Pharmacology), University of
Minnesota Medical School Duluth, Duluth, MN

EDUCATION:

1982 - 1989 Petrozavodsk State University, Prof. Degree in Mathematics, Teaching
Certification, Petrozavodsk, RF
1992 - 1996 Petrozavodsk State University, PhD Physiology/Zoology, Petrozavodsk,
RF
1998 - 2000 University of Minnesota Duluth, MS Applied and Computational
Mathematics, Duluth, MN

HONORS/AWARDS:

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| 1989 | Graduation Diploma with Excellence, Petrozavodsk State University, Petrozavodsk, RF |
| 2000 | Department of Mathematics and Statistics Graduate Student Service Award, University of Minnesota Duluth, Duluth, MN |
| 2006 | Aetna Susan B. Anthony Award For Excellence in Research on Older Women and Public Health; Honorable mention |
| 2006 | Aging and Rural Health Research Award; Honorable mention |
| 2009 | The Duluth Clinic Foundation 2008 Award of Excellence in Research, Duluth, MN |

PROFESSIONAL MEMBERSHIPS AND SOCIETIES:

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| 1989 - 1995 | Pavlov's Physiological Society, Russian Academy of Sciences |
| 1998 - 2000 | Association for Women in Mathematics |
| 2002 - present | American Public Health Association - APHA; Aging and Public Health Section; American Indian, Alaska Native, Native Hawaiian Caucus |
| 2003 - present | American Society for Bone and Mineral Research – ASBMR (and the Federation of American Societies for Experimental Biology - FASEB) |
| 2006 - 2008 | European Calcified Tissues Society – ECTS |
| 2006 - 2010 | Native Research Network |
| 2011 | Public Responsibility in Medicine and Research (PRIM&R) |

PUBLICATIONS - JOURNAL ARTICLES:

1. Meigal AYu, Pavlova IV, Lupandin YuV, Sokolov AL, Antonen EG. Thermoregulatory activity of motor units during human development. Arctic Med. Research. 1995;54:192-200. [PMID: 8579668]
2. Pavlova IV, Sorokina LV, Lupandin YuV. [The dependence of the thermoregulating activity of motor units and of the firing rate of muscle contraction on body mass in mammals]. Fiziol Zh Im IM Sechenov 1996;82 (1):124-132. Russian. [PMID: 8829671]
3. Haller EW, Wittmers LE, Jr., Haller IV, Regal RR. The obese gene is expressed in lean littermates of the genetically obese mouse (C57BL/6J ob/ob). Am J Physiol 1999;276:E762-E765. [PMID: 10198314]
4. Gessert CE, Elliott BE, Haller IV. Dying of old age: an examination of death certificates of Minnesota centenarians. J Am Geriatr Soc 2002;50(9):1561-5. [PMID: 12383155].
5. Elliott TE, Elliott BA, Regal RR, Renier CM, Haller IV, Crouse BC, Witrak MT, Jensen PB. Lake Superior Rural Cancer Care Project, Part III: provider practice. Cancer Care 2002;10(2):75-84. [PMID: 11903272]
6. Bakken JS, Haller I, Riddell D, Walls JJ, Dumler JS. The serologic response of patients infected with the agent of human granulocytic ehrlichiosis. Clin Infect Dis 2002;34:22-7. [PMID: 11731941] (Erratum - Clin Infect Dis 2002(Feb 15);34(4):561)
7. Boylan MJ, Renier CM, Knuths JS, Haller IV. Preventing cardiovascular disease in women: An intervention-control group-randomized study. Minn Med 2003;86(5):52-6. [PMID 15495678]

8. Elliott TE, Elliott BA, Renier CM, Haller IV. Rural-urban differences in cancer care: Results from the Lake Superior Rural Cancer Care Project. *Minn Med* 2004; 87(9):44-50. [PMID 15495877]
9. Gessert CE, Baines BK, Kuross SA, Clark C, Haller IV. Ethical wills and suffering in patients with cancer: A Pilot Study. *J Palliat Med* 2004;7(4):517-26. 462 [PMID 15353095]
10. Elliott BA, Renier CM, Haller IV, Elliott TE. Health related quality of life in patients with cancer and other concurrent illnesses. *Qual Life Res* 2004;13(4):457-462 [PMID 15085918]
11. Elliott TE, Elliott BA, Regal RR, Renier CM, Haller IV, Crouse BC, Witrak MT, Jensen PB. Improving rural cancer patients' outcomes: A group-randomized trial. *J Rural Health* 2004;20(1):26-35. [PMID 14964925]
12. Bamford JTM, Elliott BA, Haller IV. Tacrolimus effect on rosacea. *J Am Acad Derm* 2004; 50:107-8. [PMID: 14699377]
13. Elliott BA, Haller IV, Peterson JM. Targeted IPV education: Sustained change in rural and mid-sized medical settings. *Family Violence Prevention and Health Practice* 2005; 1(2): (<http://endabuse.org/health/ejournal/archive/1-2/>).
14. Gessert CE, Haller IV, Kane RL, Degenholtz H. Rural-urban differences in medical care for nursing home residents with severe dementia at the end of life. *J Am Geriatr Soc* 2006; 54:119-1206. [PMID 16913985]
15. Haller IV, Gessert CE. Utilization of medical services at the end of life in elders with cognitive impairment: Focus of outliers. *J Palliative Med.* 2007; 10(2):400-407. [PMID 17472512]
16. Westra R, Haller IV, Adams J, Peterson BJ, Pearson J. Early Introduction to obstetrical care for medical students. *Fam Med.* 2008; 40(1):17-23. [PMID 18172794]
17. Gessert CE, Haller IV. Medicare hospital charges in the last year of life: distribution by quarter for rural and urban nursing home decedents with cognitive impairment. *J Rural Health.* 2008 Spring;24(2):154-60. [PMID: 18397450]
18. Messer M, Haller IV. Maintenance ketamine treatment produces long-term recovery from depression. *Primary Psychiatry.* 2010; 17(4): 54-56.
19. Messer M, Haller IV, Larson P, Pattison-Crisostomo J, Gessert CE. The use of a series of ketamine infusions in two patients with treatment-resistant depression. *J Neuropsychiatry Clin Neurosci.* 2010; 22(4): 442-4. [PMID: 21037130].
20. Bamford JTM, Gessert CE, Haller IV, Johnson BP, Kruger K. Randomized, double-blind trial of 220 mg zinc sulfate twice daily in the treatment of rosacea. *Int. J Derm.* 2012; 51: 459-462.
21. Messer M, Haller IV, Larson P, Pattison-Crisostomo J, Gessert CE. The use of a series of ketamine infusions in two patients with treatment-resistant depression. *The Journal of neuropsychiatry and clinical neurosciences.* 2010;22(4):442-4. Epub 2010/11/03. doi: 10.1176/appi.neuropsych.22.4.442. PubMed PMID: 21037130.
22. Bamford JT, Gessert CE, Haller IV, Kruger K, Johnson BP. Randomized, double-blind trial of 220 mg zinc sulfate twice daily in the treatment of rosacea. *Int J Dermatol.*

- 2012;51(4):459-62. Epub 2012/03/23. doi: 10.1111/j.1365-4632.2011.05353.x. PubMed PMID: 22435439.
23. Lutfiyya MN, Haller IV. Introduction: place matters. *Disease-a-month: DM*. 2012;58(11):618-9. Epub 2012/10/16. doi: 10.1016/j.disamonth.2012.08.002. PubMed PMID: 23062677.
24. Lutfiyya MN, McCullough JE, Haller IV, Waring SC, Bianco JA, Lipsky MS. Rurality as a root or fundamental social determinant of health. *Disease-a-month: DM*. 2012;58(11):620-8. Epub 2012/10/16. doi: 10.1016/j.disamonth.2012.08.005. PubMed PMID: 23062678.
25. Conway P, Haller IV, Lutfiyya MN. School-aged overweight and obese children in rural America. *Disease-a-month: DM*. 2012;58(11):639-50. Epub 2012/10/16. doi: 10.1016/j.disamonth.2012.08.006. PubMed PMID: 23062680.

ABSTRACTS PUBLISHED:

1. Sorokina LV and Pavlova IV. Analysis of regression dependencies of thermoregulatory activity of motor units and the velocity of muscle contraction on body mass in mammals. *Systems of Thermoregulation and Adaptation to Environmental Factors*. USSR National Conference, Novosibirsk, USSR, Sep 1990, pp.30-31.
2. Sorokina LV and Pavlova IV. Dependence of motor unit thermoregulatory activity and muscle contraction velocity on body size in mammals. *Thermoregulation and Sports*. Soviet-Finnish Symposium, Petrozavodsk, USSR, Sep 1991, p.30.
3. Sorokina LV and Pavlova IV. The regression dependencies of motor unit thermoregulatory activity and muscle contraction velocity on the body weight in mammals. *Life in Cold Environments: Studies in Applied and Comparative Physiology*. International Symposium. Kostamus, Karelia, Russia, Nov 1992, p.36.
4. Pavlova IV and Sorokina LV. Characteristics of thermoregulatory activity of motor units and velocity of muscle contraction in mammals of different body weight. *Symposium of Physiological Society of Russian Academy of Science, Puschino, Russia, 1993. Advances of Physiological Sciences* 1994;25(4):7.
5. Meigal AY, Sokolov AL, Antonen EG, Pavlova IV. Firing rate of motor units of humans during thermoregulatory tonus in the age range of 7 days to 76 years. *Effects of Cold on Human Organism*. International Symposium. Oulu, Finland, 1995.
6. Haller EW, Wittmers LE, Jr, Regal RR, Haller IV. Further evaluation of expression of the obese gene in non-obese litter mates of C57BL/6J-*ob/ob* mice. XXXIII International Congress of Physiological Sciences, St.Petersburg, Russia, Jun 30-Jul 5, 1997. Abstract# P052.02.
7. Haller EW., Wittmers LE, Jr, Haller IV. Tissue glucose uptake and metabolic rate related to age in male genetically obese mice (C57BL/6J *obob*). *Experimental Biology* 98. San Francisco, CA, Apr 18-22,1998. Abstract# 2497.
8. Haller EW, Haller IV, Wittmers LE, Jr, Regal RR. Catecholaminergic mediation of the glycemic stress response in C57BL/6J *ob/ob* mice. *Experimental Biology* 2000, San Diego, CA, Apr 15-18, 2000. *Federation Proceedings* 2000;14(4): A433.

9. Elliott TE, Elliott BA, Regal RR, Renier CM, Haller IV, Crouse BC, Wittrak MT, Jensen PB. Improving rural cancer care: A Group randomized trial. *J Cancer Educ* 2001;16(Supp 3). Abstract 31.
10. Gessert CE, Elliott BE, Haller IV. Dying of old age: An examination of death certificates of centenarians. 129th Annual APHA Meeting, Atlanta, GA, Oct 21-25, 2001. Abstract #22587.
11. Bamford JTM, Elliott BA, Haller IV. The relationship of rosacea subtype and extrafacial lesions. The Society for Investigative Dermatology; 63rd Annual meeting, Los Angeles, CA, May 15-18, 2002. Abstract #205.
12. Boylan MJ, Knuths JS, Renier CM, Haller IV. Preventing cardiovascular disease in women: Developing an effective community-based risk reduction program. 130th Annual APHA Meeting, Philadelphia, PA, Nov 9-13, 2002. Abstract #48635.
13. Boylan MJ, Renier CM, Haller IV, Knuths JS. Preventing cardiovascular disease in women: Evaluating a community-based model. 130th Annual APHA Meeting, Philadelphia, PA, Nov 9-13, 2002. Abstract #40325.
14. Boylan MJ, Renier CM, Knuths JS, Haller IV. Preventing cardiovascular disease in women: An intervention-control group-randomized study. 6th Annual MN Health Services Research Conference, Minneapolis, MN, Feb 26, 2002.
15. Haller EW, Haller IV, Wittmers LE. Is the genetically obese mouse (C57Bl/6J ob/ob) a Pickwickian? Experimental Biology 2002, New Orleans, LA, Apr 11-13, 2002. *The FASEB Journal* 2002;16(5). Abstract 654.7 (A880).
16. Haller IV, Leff RD, Fernandez AM, Stevens P. Evaluation of osteoporosis risk factors in American Indian females: A pilot study. 130th Annual APHA Meeting, Philadelphia, PA, Nov 9-13, 2002. Abstract #36509.
17. Elliott TE, Elliott B, Regal R, Renier C, Haller I, Jensen P. Improving rural cancer patients' outcomes: A group-randomized trial. *J Cancer Educ* 2002.
18. Bamford JTM, Haller IV, Elliott BA. Immunomodulator Effect on erythema of rosacea. International Investigative Dermatology, Miami Beach, FL, Apr 30-May 4, 2003.
19. Boylan MJ, Knuths JS, Haller IV, Renier CM, Palcher JA. Community-based primary prevention of cardiovascular disease in women. 11th Congress on Women's Health, Hilton Head, SC, May 30 - Jun 3, 2003. *J Womens Health* 2003;12(4):424. Abstract P-8.
20. Boylan MJ, Haller IV, Renier CM, Knuths JS, Palcher JA. Effect of educational interventions on readiness-to-change in a community-based project. 131st Annual APHA Meeting, San Francisco, CA, Nov 15-17, 2003. Abstract #66388 (<http://www.apha.org>).
21. Boylan MJ, Renier CM, Knuths JS, Haller IV, Palcher JA. Community based screening and educational intervention for primary prevention of cardiovascular disease in women. 131st Annual APHA Meeting, San Francisco, CA, Nov 15-17, 2003. Abstract #65939 (<http://www.apha.org>).
22. Boylan MJ, Knuths JS, Renier CM, Haller IV. Preventing cardiovascular disease in women: evidence-based development of a community program. 16th Great Lakes Cardiovascular Disease Conference, Chicago, IL, Dec 8-10, 2003.

23. Gessert CE, Haller IV. Medical care at the end of life: Rural vs. urban. 8th Annual MN Health Services Research Conference, Minneapolis, MN, Jan 26, 2004.
24. Renier CM, Fernandez AM, Gordon W, Palcher JA, Haller IV. Regional heel ultrasound screening assessment and fracture risk. 132nd APHA Annual Meeting, Washington, DC, Nov 6-10, 2004. Abstract# 92527.
25. Haller IV, Elliott BA, Peterson JM. Screening for domestic violence by health care providers: Effect of practice setting. 132nd APHA Annual Meeting, Washington, DC, Nov 6-10, 2004. Abstract# 82934.
26. Gessert CE, Haller IV. Medical care at the end of life: Rural vs. urban. 132nd APHA Annual Meeting, Washington, DC, Nov 6-10, 2004. Abstract# 76838.
27. Elliott BA, Haller IV, Peterson JM. Impact of IPV education on provider knowledge and practice. Health Care and Domestic Violence: Health Consequences Over the Lifespan. Violence Prevention Fund, Washington, DC, Oct 21-23, 2004. Workshop 1, Page 30. (<http://endabuse.org/health/conference>)
28. Gessert CE, Haller IV. Rural-urban differences in the use of medical care at the end of life. The Gerontological Society of America 57th Annual Scientific Meeting Washington, DC, Nov 19-22, 2004. Abstract # 498. *The Gerontologist* 2004;44 (Sp. Issue 1):640. (http://www.eshow2000.com/geron/pdf/ProgramAbstracts_final.pdf)
29. Haller IV, Elliott BA, Peterson JM. Effect of practice setting on screening for victims of intimate partner violence. 9th MN Health Services Research Conference, Minneapolis, MN, Mar 1, 2005.
30. Gessert CE, Haller IV. Medical care at the end of life: Rural vs. urban. 9th MN Health Services Research Conference, Minneapolis, MN, Mar 1, 2005.
31. Gessert CE, Haller IV. Rural-urban differences in the use of medical care near the end of life. The American Geriatric Society Annual Meeting, Orlando, FL, May 11-15, 2005. Abstract #131215.
32. Haller IV, Gessert CE. End of life medical services utilization in elders with dementia: Focus on outliers. 133rd APHA Annual Meeting, Philadelphia, PA, Dec 9-14, 2005. Abstract#109221.
33. Renier CM, Haller IV, Fernandez AM, Palcher JA. Knowledge about osteoporosis and health-related quality of life. ISQOL 12th Annual Scientific Conference, San Francisco, CA, Oct 18-23, 2005. Abstract#1658
34. Gessert CE, Haller IV. Utilization of medical services at the end of life in elders with dementia: Focus on outliers. 10th MN Health Services Research Conference, Minneapolis, MN, Mar 7, 2006.
35. Haller IV, Renier CM, Fernandez AM, Palcher JA. Regional assessment of osteoporosis risk factors. 10th MN Health Services Research Conference, Minneapolis, MN, Mar 7, 2006.
36. Renier CM, Haller IV, Fernandez AM, Palcher JA. Regional assessment of osteoporosis, knowledge, co-morbid conditions and health-related quality of life. 10th MN Health Services Research Conference, Minneapolis, MN, Mar 7, 2006.

37. Haller IV, Fernandez AM, Palcher JA. Bone mineral density and osteoporosis risk factors in American Indian women compared to white women. 18th Annual Indian Health Services Research Conference, Albuquerque, NM, Apr 24-26, 2006.
38. Haller IV, Fernandez AM, Renier CM, Palcher JA. Regional assessment of osteoporosis knowledge and risk factors in men. 33rd European Symposium on Calcified Tissues, Prague, Czech Republic, May 10-14, 2006.
39. Haller IV, Renier CM, Fernandez AM, Palcher JA. Osteoporosis knowledge and preventive behaviors in men with and without diagnosed osteopenia and osteoporosis. ASBMR Annual Scientific Meeting, Philadelphia, PA, Sep 15-19, 2006. Abstract #1635 (<http://www.asbmr.org>).
40. Renier CM, Haller IV, Elliott TE, Fernandez AM, Palcher JA. Effects of norm selection on PCS and MCS: a tale of two studies. ISQOL 13th Annual Scientific Conference, Lisbon, Portugal, Oct 10-14, 2006. 2006 International Society for Quality of Life Research meeting abstracts [www.isoqol.org/2006mtgabstracts]. *The QLR Journal*, A-47, Abstract #1785.
41. Gessert CE, Haller IV. Medicare charges in the last year of life: Distribution by quarter for rural and urban decedents with dementia. 134th APHA Annual Meeting, Boston, MA, Nov 4-8, 2006. Abstract #134406. (<http://www.apha.org>)
42. Haller IV, Renier CM, Fernandez AM, Palcher JA. Osteoporosis-related knowledge and behaviors in postmenopausal women with or without diagnosed osteoporosis. 134th APHA Annual Meeting, Boston, MA, Nov 4-8, 2006. Abstract #138133 (<http://www.apha.org>).
43. Renier CM, Haller IV, Fernandez AM, Palcher JA. Health related quality of life: Effects of behaviors, co-morbid health conditions and knowledge among men and women, with and without osteoporosis or osteopenia. 134th APHA Annual Meeting, Boston, MA, Nov 4-8, 2006. Abstract #139045. (<http://www.apha.org>)
44. Gessert GE, Haller IV. Distribution of Medicare charges in the last year of life for rural and urban patients with dementia. The Gerontological Society of America 59th Annual Scientific Meeting, Dallas, TX, Nov 16-20, 2006. (http://www.agingconference.com/2006/conference_program.cfm)
45. Haller IV, Fernandez AM, Renier CM, Palcher JA. Knowledge about osteoporosis and preventive behaviors in elderly women and men. The Gerontological Society of America 59th Annual Scientific Meeting, Dallas, TX, Nov 16-20, 2006. (http://www.agingconference.com/2006/conference_program.cfm)
46. Haller IV, Krueger D, Palcher JA, Binkley N. Vitamin D status among American Indians in the Great Lakes region. ASBMR Meeting on Contemporary Diagnosis and Treatment of Vitamin D-Related Disorders, Arlington, VA, Dec 4-5, 2006.
47. Haller IV, Jaakola J, Krueger D, Palcher JA, Binkley N. Vitamin D Status and peripheral BMD among American Indian women in the Great Lakes region. 11th MN Health Services Research Conference, St. Paul, MN, Mar 6, 2007.
48. Gessert CE, Haller IV. Termination of dialysis prior to death: Geographic variation in the United States. 11th MN Health Services Research Conference, St. Paul, MN, Mar 6, 2007.

49. Gessert CE, Haller IV. Geographic variation in the termination of dialysis prior to death. The American Geriatric Society Annual Meeting, Seattle, WA, May 2-6, 2007. Abstract #316747.
50. Haller IV, Jaakola J, Binkley N. Bone health and Vitamin D status in American Indian women. 19th IHS Annual Meeting, Phoenix, AZ, Jun 5-7, 2007.
51. Haller IV, Leslie WD, Jaakola J, Weiler HA, Krueger D, Binkley N. Skeletal and vitamin D status in two indigenous North American populations. ASBMR Annual Scientific Meeting, Honolulu, HI, Sep 16-19, 2007. Abstract #1334 (<http://www.asbmr.org>)
52. Elliott BA, Woods CA, Hardwig A, Haller IV. Changes in QoL for homeless girls who have access to health care. ISQOL 14th Annual Scientific Conference, Toronto, Canada, Oct 10-13, 2007. 2007 International Society for Quality of Life Research meeting abstracts (www.isoqol.org/2007mtgabstracts). *The Quality of Life Research supplement*, A-16, Abstract #1463.
53. Haller IV, Jaakola J, Krueger D, Palcher JA, Binkley N. Evaluation of skeletal and vitamin D status among American Indian women in the Great Lakes region: Evidence of vitamin D deficiency. 135th APHA Annual Meeting, Washington, DC, Nov 3-7, 2007. Abstract #149806 (<http://www.apha.org>).
54. Gessert CE, Haller IV. Geographic variation in the termination of dialysis prior to death. 135th APHA Annual Meeting, Washington, DC, Nov 3-7, 2007. Abstract #153326 (<http://www.apha.org>).
55. Subramanian AT, Aysola AE, Peterson M, Bowman RJ, Haller IV, Skeate RJ, Connelly DP. Blood Utilization Collaborative: A cooperative community effort for blood use benchmarking. AABB Annual Meeting, Anaheim, CA, Oct 20-23, 2007. Abstract #771.
56. Gessert CE, Haller IV. Termination of dialysis prior to death: Variation by race, age and state. Gerontological Society of America Annual Meeting, San Francisco, CA, Nov. 17, 2007.
57. Messer MM, Haller IV, Pattison-Crisostomo J, Larson P. Treatment resistant depression: Experience in the use of a series of Ketamine infusions. ANPA Annual Meeting, San Antonio, TX Feb 19-22, 2009. *The Journal of Neuropsychiatry and Clinical Neurosciences*.
58. Bamford JTM, Gessert CE, Haller IV, Krueger K. Zinc sulfate in the treatment of rosacea: A randomized, controlled trial. MN Health Services Research Conference, St. Paul, MN, Mar 3, 2009.
59. Bamford JTM, Gessert CE, Haller IV, Krueger K. Rosacea unresponsive to oral zinc sulfate, a randomized controlled clinical trial. Society of Investigational Dermatology Annual Meeting, Montreal, Canada, May 6-9, 2009. Abstract# 246. www.jidonline.org
60. Haller IV, Jaakola J, Krueger D, Palcher J, Binkley N. Evaluation of vitamin D status and peripheral BMD among American Indian women. International Congress of Physiological Sciences, Kyoto, Japan, Jul 27-Aug 1, 2009.
61. Haller IV, Krueger D, Valentine S, Engelke J, Binkley N. Correction of vitamin D inadequacy by food supplementation: A randomized controlled trial. ASBMR, Denver, CO, Sep 11-15, 2009. www.asbmr.org

62. Bamford JTM, Gessert CE, Haller IV, Kruger K. Photography in the assessment of the severity of Rosacea: Inter-rater correlation and test-retest reliability. MN Health Services Research Conference, St. Paul, MN, Mar 2, 2010.
63. Haller IV, Krueger D, Valentine S, Engelke J, Binkley N. Correction of vitamin D inadequacy by food supplementation in postmenopausal women. MN Health Services Research Conference, St. Paul, MN, Mar 2, 2010.
64. Binkley N, Krueger D, Valentine S, Engelke J, Haller IV. Vitamin D fortification of food improves vitamin D status but does not assure adequacy. Clinical Osteoporosis 2010: An ISCD-NOF Symposium, San Antonio, TX, Mar 10-13, 2010.
65. Haller IV, Krueger D, Valentine S, Engelke J, Binkley N. Correction of vitamin D inadequacy by food fortification. APHA Annual Meeting, Denver, CO, Nov 6-10, 2010.
66. Haller IV, Krueger D, Checovich M, Engelke J, Binkley N. Food Supplementation with 2,200 IU Vitamin D3 Daily Is Safe, but Does Not Assure Adequacy. ASBMR Annual Meeting, Toronto, Canada; Oct 15-19, 2010.
67. Haller IV, Krueger D, Engelke J, Binkley N. Serum 25-hydroxyvitamin D in rural and urban postmenopausal women. ASBMR Annual Meeting, San Diego, CA; Oct 16-20, 2011.
68. Haller IV, Krueger D, Binkley N. Response to vitamin D fortified food in rural white and American Indian women. APHA Annual Meeting, San Francisco, CA, Oct 27-31, 2012.
69. Haller IV, Krueger D, Libber J, Fidler E, Binkley N. Vitamin D status and Effect of Food Supplementation in Rural White and American Indian Women. ASBMR Annual Meeting, Minneapolis, M, 2012.

OTHER PUBLICATIONS:

1. Pavlova IV. [On identification of mathematical models of local cerebral blood flow]. In: Optimization and Models in Applied Mathematics. Annual Research Proceedings, Petrozavodsk State University. 1989:39-45. Russian.
2. Pavlova IV. [The regression model for the influence of body size on thermoregulatory muscle activity]. In: Mathematical Modeling of Processes in State Owned Manufacturing. Annual Research Proceedings, Petrozavodsk State University. 1990:34-37. Russian.
3. Pavlova IV. [Method for identification of allometric relationships of physiological parameters]. In: Applied Mathematics and Informatics. Petrozavodsk State University, Annual Research Proceedings 1993;3:25-30. Russian.
4. Pavlova IV, Sorokina LV. Thermoregulatory activity of motor units and muscle contraction velocity in mammals of different body size. In: Stuart DG, Gantchev GN, Gurfinkel VS, Wiesendanger M (eds.), Motor Control VII. Proceedings of the Symposium (Jun 21-25, 1993, Borovets, Bulgaria): 45-46. Motor Control Press, Tucson, 1996.
5. Gessert CE, Elliott BA, Haller IV. Mortality patterns in middle age and old age. [letter] *J Gerontol A Biol Sci Med Sci* 2003;58A(11):B967. [PMID: 14630873]
6. Miroshnichenko AG, Tarakanova LI, Michailuk SG, Haller IV. [Evaluation of factors influencing resuscitation outcome in prehospital period] *Skoraya Pomosch* 2006;4:3-6. Russian.

7. Gessert CE, Haller IV. Response letter to Dr. Vig. [letter] *J Am Geriatr Soc* 2007;55(3):472-3. [PMID: 17341258]

PRESENTATIONS:

1. *Dependence of motor unit thermoregulatory activity and muscle contraction velocity on body size in mammals*. Thermoregulation and Sports. Soviet-Finnish Symposium, Petrozavodsk, USSR, Sep 1991.
2. *The regression dependencies of motor unit thermoregulatory activity and muscle contraction velocity on the body weight in mammals*. Life in Cold Environments: Studies in Applied and Comparative Physiology. International Symposium. Kostamus, Karelia, Russian Federation, Nov 1992.
3. *Seasonal hydrodynamic cycle in large temperate lakes: A review*. 1999 series of Large Lake Observatory Seminars, Duluth, MN, Nov 20, 1999.
4. *Osteoporosis risk factors in American Indian females*. Fond du Lac Health Services Medical Staff Meeting, Cloquet, MN, Feb 22, 2003.
5. *Effect of educational interventions on readiness-to-change in a community-based project*. 131st Annual APHA Meeting, San Francisco, CA, Nov 15-17, 2003.
6. *Osteoporosis knowledge, risk factors and health-related quality of life*. SMDC Foundations annual meeting, Duluth, MN, Oct 12, 2004.
7. *Effect of practice setting on screening for victims of Intimate Partner Violence*. MN Health Services Research Conference, Minneapolis, MN, Mar 1, 2005.
8. *Medical research: Why is statistics important?* UMD Department of Mathematics and Statistics Undergraduate Seminars, Duluth, MN, April 21, 2005.
9. *End of life medical services utilization in elders with dementia: Focus on outliers*. 133rd APHA Annual Meeting, Philadelphia, PA, Dec 14, 2005.
10. *Regional assessment of osteoporosis risk factors*. 10th MN Health Services Research Conference, Minneapolis, MN, Mar 7, 2006.
11. *Utilization of medical services at the end of life in elders with dementia: Focus on outliers*. 10th MN Health Services Research Conference, Minneapolis, MN, Mar 7, 2006.
12. *Assessment of osteoporosis knowledge and risk factors: What is going on in our region?* Duluth Clinic Grand Rounds, Duluth, MN, Mar 17, 2006.
13. *Regional assessment of osteoporosis knowledge and risk factors*. University of Minnesota Medical School Duluth, Duluth, MN, Oct 10, 2006.
14. *Osteoporosis-related knowledge and behaviors in postmenopausal women with and without osteoporosis*. 134th APHA Annual Meeting, Boston, MA, Nov 6, 2006.
15. *Vitamin D status and peripheral BMD among American Indian women in the Great Lakes region*. 11th MN Health Services Research Conference, St. Paul, MN, Mar 6, 2007.
16. *Bone Health and Vitamin D Status in American Indian Women*. 1) DC Grand Rounds, Duluth, MN, Apr 13, 2007; 2) 19th IHS Annual Meeting, Phoenix, AZ, Jun 6, 2007.

17. *Skeletal and vitamin D status in Native Americans from the Great Lakes Region.* Mayo Clinic Native Circle Seminars. Rochester, MN Feb 2, 2009.
18. *Osteoporosis in American Indian Women.* SMDC Outreach CME Program. Grand Marais. Apr 22, 2009
19. *Correction of vitamin D inadequacy by food supplementation in postmenopausal women.* MN Health Services Research Conference, St. Paul, MN, Mar 2, 2010
20. *Vitamin D status and response to vitamin D fortified food in rural postmenopausal women.* Oral presentation at the Minnesota Health Services Conference, March 6, 2012.