

Exhibit A

Resume of Dr. Sarah Janssen

Sarah J. Janssen

Contact Information: 111 Sutter St., 20th Floor, San Francisco, CA 94104
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Current Position: Science Fellow, Natural Resources Defense Council, 2006 - present
Pool Physician, Kaiser Permanente, Northern California, 2006 - present

Licensure: California medical license, since 7/30/03; expires 3/21/2009.

Board certification: American Board of Preventive Medicine, since 12/2006 with a specialty in
Occupation and Environmental Medicine, expires 10/2017

Education:

Residency	Occupational and Environmental Medicine, UCSF	2004-2006
M.P.H.	University of California, Berkeley	2004-2005
Internship	General Surgery, University of California, San Francisco	2001-2002
Ph.D.	University of Illinois, Urbana-Champaign; Physiology	1993-2001
M.D.	University of Illinois, Urbana-Champaign	1991-2001
M.S.	University of Illinois, Urbana-Champaign; Physiology	1991-1993
B.S.	Illinois State University, Biology, <i>summa cum laude</i>	1987-1991

Professional Organizations:

Association of Occupational and Environmental Clinics

American College of Preventive Medicine

American Public Health Association

Physicians for Social Responsibility – Steering Committee member of San Francisco Bay Area chapter

Fellowships and Grants:

2005-06	Occupational Physician Scholarship Fund Award - ACOEM
2000	Dolores Zohrab Liebmann Fellowship – for academic excellence and achievement
1999	P.E.O. Scholar – academic award from international women’s philanthropic organization
1996-98	Reproductive Biology Training Grant – NIH-based trainee award
1993-95	Systems and Integrative Physiology Training Grant – NIH-based trainee award
1993	University of Illinois, Urbana-Champaign Graduate College Thesis Project Grant Support
1993	Francis and Harlie M. Clark Summer Grant to support research
1989	American Heart Association, Maine affiliate, Summer Research Fellowship
1988-91	Illinois State University Honors Program Award to sponsor undergraduate research

Honors and Awards:

2005	First place in poster presentation, Western Occupational Health Conference
2000	Alpha Omega Alpha Medical Society – elected as a senior medical student
1999	Patricia J. and Charles C.C. O’Morchoe Leadership Award, Medical Scholars Program

- 1998 Broad Street Pump Award - National PSR Award in recognition of physician activism
- 1995 American Society of Clinical Pathologists' Award for Academic Excellence
- 1995 McGraw Hill Book Award for Top Ranked Basic Science Performance
- 1991-92, 1999-2000 UIUC "Incomplete list" of TA's ranked outstanding by their students
- 1990 Robert G. Bone Scholar, ISU (recognizes top 2 undergraduate students from each college)
- 1990 Board of Regents Distinguished Scholar, ISU (recognizes top 4 Bone Scholars)

Teaching Experience:

- 1999 - 2001 Course Instructor, "Issues in Medicine", Unit One, University of IL, U-C
- 1997 - 2001 Instructor in History, Physical, and Diagnosis, UIUC, College of Medicine
- 1996 - 2001 Teaching Assistant for Dept. of Surgery, UIUC, College of Medicine
- 1996 Comparative Physiology, University of IL, U-C
- 1995 Medical Microbiology, UIUC, College of Medicine
- 1992 Systems and Integrative Physiology Lab., (upper level lab course), UIUC
- 1991 Introduction to Human Physiology (non-major lab course), UIUC

Bench Research Experience:

1992-2001 Graduate research with Dr. Janice Bahr, major advisor. Drs. Rex Hess and David Bunick, co-advisors. Studied estrogen in the male reproductive tract, ion transport, and calculi formation in the epididymis. Techniques used: microsomal preps, cell culture, immunocytochemistry, molecular biology, and electrophysiology. Thesis title: "Characterization of the Epididymal Region of the Rooster."

1988-1991 Undergraduate research with Dr. Robert Preston at Illinois State University and Mt. Desert Island Biological Lab., Maine. Studied the effects of mercury, on glucose and amino acid transport in marine polychaetes.

Service:

- 2006- Program on Reproductive Health and Environment, UCSF, advisory committee
- 2004 - American College of Preventive Medicine, Environmental Health committee
- 2006-2007 Organizing committee, UCSF-CHE Summit on Environmental Challenges to Reproductive Health and Fertility
- 2006-2007 Planning committee, California EPA workshop, "*Downstream Indicators of Adverse Effects*".
- 1999-2001 Bench to Bedside seminar series in Reproductive Biology planning committee, UIUC
- 1999-2000 University of Illinois - Medical Scholars Program Director Search Committee
- 1997-2000 University of Illinois - Recycling & Materials Reduction Committee
- 1996-2001 University of Illinois College of Medicine - Convocation Ceremony Committee
- 1997-1998 University of Illinois College of Medicine - Progress and Promotions Committee
- 1997-1998 University of Illinois - McKinley Health Center Student Advisory Board

Publications:

1. Crain DA, **Janssen SJ**, Edwards TM, Heindel J, Ho S, Hunt P, Iguchi T, Juul A, McLachlan JA, Schwartz J, Skakkebaek N, Soto AM, Swan S, Walker C, Woodruff TK, Woodruff T, Giudice LC, Guillette LJ. 2008. Female reproductive disorders: the roles of endocrine disrupting compounds and developmental timing. Vol. 90, Issue 4, Pages 911-940. Abstract: [http://www.fertstert.org/article/S0015-0282\(08\)03555-3/abstract](http://www.fertstert.org/article/S0015-0282(08)03555-3/abstract)

2. Woodruff TJ, Zeise L, Axelrad DA, Guyton KZ, **Janssen S**, Miller M, Miller GG, Schwartz JM, Alexeeff G, Anderson H, Birnbaum L, Bois F, Cogliano VJ, Crofton K, Euling SY, Foster PMD, Germolec DR, Gray E, Hattis DB, Kyle AD, Luebke RW, Luster MI, Portier C, Rice DC, Solomon G, Vandenberg J, Zoeller RT. 2008. Moving Upstream: Evaluating Adverse Upstream Endpoints for Improved Risk Assessment and Decision-Making *Environ Health Perspect*: doi:10.1289/ehp.11516. [Online 10 July 2008]
<http://ehp.niehs.nih.gov/docs/2008/11516/abstract.html>
3. Humphreys EH, **Janssen S**, Heil A, Hiatt P, Solomon G and Miller M. Outcomes of the California Ban on Pharmaceutical Lindane: Clinical and Ecologic Impacts. *Environ Health Perspect*. 116(3):297-302, 2008. <http://www.ehponline.org/docs/2007/10668/abstract.html>
4. Bahr JM, Dalponte M, **Janssen S**, Bunick D, Nakai M. Ion Transporters for Fluid Reabsorption in the Rooster (*Gallus domesticus*) Epididymal Region. *Animal Reprod Sci*. 95:331-37, 2006.
5. **Janssen SJ**, Kirby JD, Hess RA, Rhoads M, Bunick D, Bailey KL, Wang H, and Bahr JM. Reduced Fertility in Roosters with Epididymal Calcium Stones: Identification of Epididymal Stones in Diverse Rooster Populations. *Poultry Sci*. 79:568-74, 2000.
6. **Janssen SJ**, Bunick D, Finnigan-Bunick C, Chen YC, Hess RA, Bahr JM. Morphology and Function of Rooster Efferent Ductule Epithelial Cells in Culture. *Tissue and Cell* 30(5): 554-561, 1998.
7. Janulis L, **Janssen S**, Bahr JM, Hess RA, Bunick D. Rat Testicular Germ Cells and Epididymal Sperm Contain Active P450 aromatase. *J Andrology* 19(1):65-71 1998.
8. Janulis L, Hess RA, Bunick D, Nitta H, **Janssen S**, Osawa Y, Bahr JM. Mouse Epididymal Sperm Contains Active P450 Aromatase Which Decreases as Sperm Traverse the Epididymis. *J Andrology*, 17: 111-116, 1996.

Book Chapters:

1. Solomon GM, **Janssen S**. "Talking With Patients and the Public About Endocrine-Disrupting Chemicals." In: Handbook of Endocrine Disrupting Chemicals. From Basic Research to Clinical Practice. Ed. Gore A. Humana Press, Totowa, NJ. , 1st edition, 2007.
2. **Janssen S**, Fujimoto VY, and Giudice LC. "Endocrine Disruption and Reproductive Outcomes in Women." In: Handbook of Endocrine Disrupting Chemicals. From Basic Research to Clinical Practice. Ed. Gore A. Humana Press, Totowa, NJ., 1st edition, 2007.
3. Goldberg, R. and **Janssen, S**. "Reproductive Hazards." In: Handbook of Agricultural Medicine. Ed. James E. Lessenger, Springer, New York, 1st edition, 2006.

Other Peer-Reviewed Publications:

1. **Janssen, SJ**, Schettler, T, Solomon, G. Chemical Contaminants and Human Disease: a Summary of Evidence. Available on line at: database.healthandenvironment.org and published in *San Francisco Medicine*, journal of San Francisco Medical Society, April 2004, 77 (4): 14-18.

2. **Janssen, SJ** and Schettler, T. Health Implications of Snowmobile Use in Yellowstone National Park. Commissioned peer reviewed report for the *Science and Environmental Health Network*, March 2003 (available on-line at www.sehn.org/pubhealthessays.html).
3. **Janssen, SJ**. Brominated Flame Retardants, Rising Levels of Concern. White paper for Healthcare Without Harm, published June 2005. Available on-line at: www.noharm.org