

## CURRICULUM VITAE

### Nicole Prause

**Work Address:** Department of Psychology  
Idaho State University  
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### POSITION

2007-present Assistant professor  
Idaho State University

### EDUCATION

Intern	2007	Boston Consortium in Clinical Psychology Rotation (Major): Medical Rehabilitation Rotation (Minor): Neuropsychology
Clinical fellow	2007	Harvard Medical School, Department of Psychiatry
Teaching fellow	2007	Boston University, Department of Psychology
PhD	2007	Indiana University, Bloomington Dept Psychological and Brain Sciences Clinical Science program Concentrations: Statistics, Neuroscience Dissertation: <i>The role of attention and emotion in variations of sexual desire</i> Committee Chair: William P. Hetrick, PhD Committee member: David H. Barlow, PhD Committee member: Julia Heiman, PhD
BA	2000	Indiana University, Bloomington

### RESEARCH EXPERIENCE

2005-2007 **Predoctoral Research Fellow**  
*Sexual Studies Laboratory*

Supervisor: Julia Heiman, Ph.D.

2004-2007 **Predoctoral Research Fellow**  
*Psychopathology and Neuropsychometry Laboratory*  
Supervisor: William Hetrick, Ph.D.  
Julia Heiman, Ph.D.

2002-2004 **Predoctoral Research Fellow**  
*The Kinsey Institute for Research Psychophysiological Laboratory*  
Supervisor: William Hetrick, Ph.D.  
Erick Janssen, Ph.D.

2000-2002 **Graduate Research Assistant**  
*Biobehavioral Alcohol Research Laboratory*  
Supervisor: Peter Finn, Ph.D.

## CONSULTANTSHIPS

Research psychologist consulted for pharmaceutical trial design and analysis for Eli Lilly, Indianapolis, IN, November 2001-June 2002.

Psychophysiology analyst for Discovery Channel Canada, Bloomington, IN, July 2004.

## HONORS

2007 Society for Sex Therapy and Research, Student Research Award  
2006 Elected affiliate member, International Academy of Sex Research  
2001 Kinsey Institute Summer Training Program acceptance  
2000 BA, Summa cum laude  
2000 Departmental honors, Department of Psychology  
2000 Senior Achievement Award, Department of Psychology  
2000 Senior Achievement Award, Department of Sociology  
2000 Excellence in Research Award, Department of Psychology  
2000 Psi Chi Award for Outstanding Service

## TEACHING EXPERIENCE

2008S-2009S Instructor  
Idaho State University, Pocatello  
*Course title:* Laboratory internship  
*Recipients:* Advanced undergraduates

2008S-2009S Instructor  
Idaho State University, Pocatello  
*Course title:* Statistics  
*Recipients:* Advanced undergraduates

- 2007F-2009S Supervisor  
Psychology Clinic, Idaho State University, Pocatello  
*Course title:* Clinical practicum: Sexual dysfunction and couples therapy  
*Recipients:* Graduate students and advanced undergraduates
- 2008 Invited lecture  
Nursing program, Idaho State University  
*Course title:* Introduction to nursing  
*Lecture title:* Older adult sexuality  
*Recipients:* Nursing students
- 2007F Instructor  
Idaho State University, Pocatello  
*Course title:* Psychology of Women  
*Recipients:* Advanced undergraduates
- 2007F Instructor  
Idaho State University, Pocatello  
*Course title:* Introduction to Psychology  
*Recipients:* Undergraduates
- 2007 Invited lecture  
Veterans Affairs Medical Center, West Roxbury, MA  
*Course title:* Tufts' Didactics Series  
*Lecture title:* Sexual functioning and disability  
*Recipients:* Medical residents
- 2007 Invited lecture  
Veterans Affairs Medical Center, West Roxbury, MA  
*Course title:* Grand Rounds  
*Lecture title:* Psychologic treatment of sexual dysfunction and spinal cord injury  
*Recipients:* Multi-disciplinary (Physician, residents, psychologists, social work)
- 2006 Invited lecture  
Veterans Affairs Medical Center, Jamaica Plain, MA  
*Course title:* Boston Consortium Didactic Series  
*Lecture title:* Grants for psychologists: Federal and private  
*Recipients:* Psychology interns
- 2001-2006 Instructor  
The Kinsey Institute for Research in Sex, Gender, and Reproduction  
*Course title:* Readings and Research in Psychology  
*Recipients:* Advanced undergraduates
- 2005 Invited lecture

Indiana University, Bloomington  
*Course title:* Marital and family violence  
*Lecture title:* Sexual dysfunction in couples  
*Recipients:* Advanced undergraduates

- 2004      Instructor  
Indiana University, Bloomington  
*Course title:* Research Methods  
*Recipients:* Undergraduates
- 2003      Instructor  
Indiana University Continuing Studies, Bloomington  
*Course title:* Personality Psychology  
*Recipients:* Undergraduates
- 1998      Section Instructor  
Indiana University, Bloomington  
*Course title:* Introduction to Human Sexuality  
*Recipients:* Undergraduates
- 1998      Undergraduate Teaching Assistant  
Indiana University, Bloomington  
*Course title:* Constructing Human Sexuality  
*Recipients:* Undergraduates

### **EDITORIAL EXPERIENCE**

Ad hoc reviewer for *Archives of Sexual Behavior*  
Ad hoc reviewer for *Psychophysiology*  
Ad hoc reviewer for *Sexuality and Disability*  
Ad hoc reviewer for *Biological Psychology*  
Ad hoc reviewer for *Signs*

### **MEMBERSHIP**

International Academy of Sex Research, Elected affiliate member  
Association for Psychological Science  
Society for Psychophysiological Research  
Association for Behavioral and Cognitive Therapies  
Society for the Scientific Study of Sexuality

### **GRANT AND FELLOWSHIP SUPPORT (CURRENT)**

“Neurophysiological indices of motivation variability”. *Competitive internal application* for Women Empowered to Learn, Educate, Advance, and Develop supported by the National Science Foundation *Direct costs:* \$14,786.

## GRANT AND FELLOWSHIP SUPPORT (COMPLETED)

- “Summer research fellowship”. *Faculty supervisor* to Adam Emfield supported by the American Psychological Association.
- “John Curtin collaborator visit support”. *Faculty beneficiary* for Women Empowered to Learn, Educate, Advance, and Develop supported by the National Science Foundation *Direct costs*: \$1,000.
- “Neurophysiological processing models of reproductive decision making”. *Principal investigator* for Faculty Research Committee of Idaho State University *Direct costs*: \$4,567.
- “The role of emotion, attention, and couple differences in sexual desire”. *Principal investigator* for Social Science Research Council fellowship supported by the Ford Foundation *Direct costs*: \$28,000.
- “Research Training in Clinical Science”. *Clinical science trainee* for an NIMH T-32 intramurally-competitive award. *Direct costs (program, year)*: \$174,000.
- “Identity, Self, Role, and Mental Health”. *Fellow* for an NIMH T-32 intramurally-competitive award. *Direct cost (2 years, individual fellow)*: \$52,824.
- “Information processing models of sexual desire modulation”. *Principal investigator* for President’s Summer Undergraduate Research Initiative awarded through Indiana University *Direct costs*: \$4,934.
- “Information processing models of sexual desire modulation”. *Principal investigator* for The Kinsey Institute Student Grant-in-Aid. *Direct costs*: \$500.
- “The role of acute ethanol consumption on sexual arousal and sexual risk taking”. *Principal investigator* for The Kinsey Institute Student Grant-in-Aid. *Direct costs*: \$500.
- “The role of acute ethanol consumption on sexual arousal and sexual risk taking”. *Principal investigator* for the Indiana University Women in Science Program Travel Grant to present at the International Academy of Sex Research, *Direct costs*: \$800.
- “The role of acute ethanol consumption on sexual arousal and sexual risk taking”. *Principal investigator* for the Society for the Scientific Study of Sexuality Student Research Grant, *Direct costs*: \$1000.
- “Asexual identity”. *Principal investigator* for the Safer Sexuality Outreach Program of Bloomington Indiana Research Grant, *Direct costs*: \$500.

“Creating ecologically-valid, computerized emotional expression stimuli”. *Research trainee* for the Indiana University President’s Summer Undergraduate Research Initiative, *Direct costs*: \$500.

## **PUBLICATIONS**

### *PEER REVIEWED*

- Prause, N. & Heiman, J. (2008). Assessing female sexual arousal with the labial thermistor: Response specificity and construct validity, manuscript in press.
- Rafiee, J., Schoen, M. P., Prause, N., & Tse, P. W. (2008). A Comparison of EMG and EEG Signals using Time-Frequency Analysis. *Proceedings of the second IEEE RAS/EMBS International Conference on Biomedical Robotics and Biomechatronics*, manuscript in press.
- Prause, N., Janssen, E., & Hetrick W. P. (2008). Attention and emotional responses to sexual stimuli and their relationship to sexual desire, *Archives of Sexual Behavior*, manuscript in press.
- Prause, N. & Graham, C. (2006). Asexuality: Predictors and description. *Archives of Sexual Behavior*, 36(3), 341-356.
- Prause, N., Cerny, J., & Janssen, E. (2005). Labial Plethysmograph: A new measure of female genital arousal. *Journal of Sexual Medicine*, 2(1), 58-65.
- Ames, K., Prause, N., Stout, K., & Hetrick, W. P. (2003). Differential effects of affective modulation on orbicularis and post-auricular indices of startle. *Psychophysiology*, 40 (Supp 1), S22.
- Prause, N., Janssen, E., & Hetrick, W. P. (2003). The role of attention and affective response to sexual cues in the experience of sexual desire and sexual arousal. *Psychophysiology*, 40 (Supp 1), S69.
- Spencer-Smith, J., Wild, H., Innes-Ker, Å., Townsend, J. T., Duffy, C., Edwards, C., Ervin, K., Prause, N., & Paik, J. W. (2000). Making faces: Creating 3-dimensional, ecologically-motivated poseable expressions. *Behavior Research Methods, Instruments and Computers*, 33, 115-123.

### *NOT PEER REVIEWED*

- Prause, N., & Graham, C. A. (2009). Asexuality: Classification and Characterization. In J. K. D. Sr., N. B. Moore & T. D. Fisher (Eds.), *Speaking of Sexuality: Interdisciplinary Readings* (3rd ed.). Oxford: Oxford University Press.

Prause, N., & Janssen, E. (2005). Blood flow: Vaginal photoplethysmography. In I. Goldstein, C. M. Meston, S. Davis & A. Traish (Eds.), *Textbook of Female Sexual Dysfunction*. London: Taylor & Francis Medical Books.

Janssen, E., Geer, J., & Prause, N. (2005). The sexual response system. In J. T. Cacioppo, L. G. Tassinary, & G. G. Berntson (Eds.), *Handbook of Psychophysiology* (3rd edition). New York: Cambridge University Press.

Prause, Nicole. (2002). BOOK REVIEW: Celibacy, Culture, and Society: The anthropology of sexual abstinence. *Archives of Sexual Behavior*, 31, 84-86.

## MANUSCRIPTS

### *SUBMITTED*

Prause, N., & Hetrick, W. (2008). Affective modulation of the post-auricular muscle response: An appetitive index, manuscript under review.

Prause, N. & Heiman, J. (2008). Labial temperature decremented in distraction conditions in women with low sexual desire, manuscript under review.

### *IN PREPARATION*

Prause, N. & O'Farrell, T. J. (2008). Sexual functioning changes over time in alcoholic males in treatment and their female partners, manuscript in preparation.

Prause, N., Staley, C. & Finn, P. (2008). The role of acute ethanol consumption in sexual arousal and sexual risk taking, manuscript under review.

## PRESENTATIONS

### *PEER REVIEWED*

*\*Denotes supervised student presenter*

\*Roberts, V. & Prause, N. (2009, April). *Examining the relationship between thought content of cognitive distraction, relationship satisfaction and sexual desire*. Poster presented at the Society for Sex Therapy and Research annual meeting, Arlington, VA.

Prause, N., & Hetrick, W. (2008, October). *Higher sexual arousability is related to lower attention to sex stimuli*. Symposium presentation at the Society for Psychophysiological Research annual meeting, Austin, TX.

\*Hansis-O'Neill, B., & Prause, N. (2008, October). *Predicted erectile response compared to actual erectile response in intoxicated males*. Poster presented at the Society for Psychophysiological Research Annual Meeting, Austin, TX.

- Prause, N., Hillman, C., & Emfield, A. (2008, July). *Asymmetric encephalographic band activity characterizes sexual motivation subverting self-report requirements*. Poster presented at the Annual meeting of the International Academy of Sex Research, Leuven, Belgium.
- Prause, N., & O'Farrell, T. J. (2008, July). *Feelings about sexual satisfaction and sexual functioning over time in male alcoholics engaged in couples' alcoholism treatment*. Poster presented at the Research Society on Alcoholism, Washington DC.
- \*Rafiee, J., Tse, P. W., Schoen, M. P., Prause, N., & Tolle, C. (2008). *Pattern Extraction of Vibration Signals using Time Analysis of Time-Frequency Approach*. Paper presented at the Annual Conference of the IEEE Industrial Electronics Society, Orlando, FL.
- \*Rafiee, J., Tse, P. W., Schoen, M. P., Prause, N., & Tolle, C. (2008). *Daubechies 44: The Best Function for Gearbox Diagnostics*. Paper presented at the Annual meeting of the IEEE Industrial Electronics Society, Orlando, FL.
- Prause, N. (2008, May). *Sexual Arousal Myopia? Evidence for High Motivation, Pleasant Stimuli Varying With Trait Sexual Arousability*. Poster presented at the Association for Psychological Science, Chicago, IL.
- Prause, N., Janssen, E. & Hetrick, William P. (2007, March). Attention modulation to sexual stimuli and their relationship to sexual responsivity. Invited paper for the annual meeting of the Society for Sex Therapy and Research, Atlanta, Georgia.
- Prause, N. & Heiman, J. (2006, July). Response specificity and construct validity of the labial thermistor as compared with the vaginal photoplethysmograph. Poster session presented at the annual meeting of the International Academy of Sex Research, Amsterdam, Netherlands.
- Prause, N., Janssen, E., & Hetrick, William P. (2006, July). Attention and emotional responses to sexual stimuli and their relationship to sexual desire. Poster session presented at the annual meeting of the International Academy of Sex Research, Amsterdam, Netherlands.
- \*Librach, Giliyah R., Harris, Julianna, & Prause, Nicole R. (2006, May). Transfer of orgasm consistency to partner setting moderated by sexual desire. Poster session presented at the annual meeting of the Association for Psychological Science, New York, NY.
- Prause, N. (2005, June). Labial photoplethysmography. Paper for the annual meeting of the World Congress of Sexology, Montreal, Canada.
- Janssen, E., Prause, N., & Hahn, S. (2004, November). Mood, sexual arousal, and sexual risk taking. In Mustanski, B. (Symposium chair), *Mood and Sexuality*. Invited symposium presented at the Society for the Scientific Study of Sexuality, Orlando, Florida.
- Prause, N., Janssen, E., & Hetrick, W. (2004, November). The role of emotion and attention in variations in sexual desire. In Mustanski, B. (Symposium chair), *Mood and Sexuality*.

Paper presented at the annual conference of the Society for the Scientific Study of Sexuality, Orlando, Florida.

Prause, N. & Janssen, E. (2004, June). Four approaches to the processing of vaginal pulse amplitude (VPA) signals. Poster session presented at the annual meeting of the International Academy of Sexuality Research, Helsinki, FI.

Prause, Nicole & Graham, C. A. (2003, November). Asexuality: A preliminary investigation. Poster session presented at the annual meeting of the Society for the Scientific Study of Sexuality, San Antonio, TX.

Ames, K., Prause, N., Stout, K., & Hetrick, W. P. (2003, November). Differential effects of affective modulation on orbicularis and post-auricular indices of startle. Poster session presented at the annual meeting of the Society for Psychophysiological Research, Chicago, Illinois.

Prause, N., Janssen, E., & Hetrick, W. (2003, November). The role of attention and affective response to sexual cues in the experience of sexual desire and sexual arousal. Poster session presented at the annual meeting of the Society for Psychophysiological Research, Chicago, Illinois.

Prause, N., Janssen, E., & Hetrick, W. (2003, July). The effects of early processing of sexual cues on subsequent sexual functioning: A pilot study. Poster session presented at the annual meeting of the International Academy of Sex Research, Bloomington, Indiana.

Prause, N., Janssen, E., Cohen, J., & Finn, P. (2002, June). Effects of acute ethanol consumption on sexual arousal and sexual risk taking. Poster session presented at the annual meeting of the International Academy of Sex Research, Hamburg, Germany.

Prause, N. & Finn, P. (2002, June). No modulation of sexual risk taking and excitement seeking relationship by cognitive capacity. Poster session presented at the annual meeting of the American Psychological Society, New Orleans, LA, United States.

Cerny, J., Prause, N., & Janssen, E. (2001, October). A new instrument assessing genital hemodynamic changes in women. Poster session presented at the annual meeting of the Female Sexual Functioning Forum, Boston, MA.

Prause, N., Graham, C. A., & Janssen, E. (2001, June). No concordance between subjective and physiological sexual arousal in women: Different instructions, different correlations. Poster session presented at the annual meeting of the American Psychological Society, Toronto, Ontario, Canada.

Prause, N., Graham, C. A., & Janssen, E. (2001, June). Effects of different instructions on within- and between-subject correlations of physiological and subjective sexual arousal in women. Poster session presented at the annual meeting of the International Academy of Sex Research, Montreal, Canada.

*NOT PEER REVIEWED*

Prause, N. (2008, April). *Electroencephalographic measures of attention to high-motivation, approach cues in humans*. Invited presentation for the Biomedical Research Institute Seminar Series, Pocatello, ID.

Prause, N. (2007, October). Sensate Focus: The standard of sex therapy? Invited presentation for the Clinical Psychology series of Idaho State University, Pocatello, Idaho.

Prause, N. (2007, September). Sexual psychophysiological studies in women. Invited presentation for the Women's Studies Program of Idaho State University, Pocatello, Idaho.

Prause, N. (2004, October). The role of emotion and attention in variations in sexual desire. Paper presented at the annual meeting of the Social Science Research Council, Bloomington, IN.

Prause, N. (2004, May). Determining sexual desire. Paper presented at the Kinsey Institute Interdisciplinary Seminar Series, Bloomington, IN.

Prause, N. (2003, November). Don't get it, don't want it, don't care: Constructing Asexuality. Paper presented at the Gay, Lesbian, Bisexual, Transsexual organization, Bloomington, IN.

Prause, N. (2002, May). Effects of acute ethanol consumption on sexual arousal and sexual risk taking. Paper presented at the National Institutes of Mental Health Program in Identity, Self, Role, and Mental Health, Department of Sociology, Bloomington, IN.

Prause, N., Weinberg, M., & Graham, C. A. (2002, March). Rethinking low sexual desire: The desire construct and asexuality. Paper presented at the Clinical Colloquium series of the Indiana University Department of Psychology in Bloomington, Indiana, United States.