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ANN HIBNER KOBLITZ

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AFFILIATED FACULTY: Russian and East European Studies Center, The Center for Biology and Society, History and Philosophy of Science Program; Graduate Faculty in History, Women and Gender Studies, Human and Social Dimensions of Science and Technology

EDUCATION:

A.B. in History of Science, Princeton University, 1974
Ph.D. in History, Boston University, 1983

RESEARCH INTERESTS: The Role of Women in the History of Science, Technology, and Medicine; Gender and Science Theory; Cross-Cultural History of Sexuality and Fertility Control; Women's Health and Sexuality in Territorial Arizona; Gender and Archaeology; Contemporary Feminist Theory

TEACHING EXPERIENCE:

- Lecturer in Undergraduate Studies in the University of Washington Honors Program, 1983-84, 1988
- Assistant Professor (Visiting), Dept. of History, Wellesley College, 1986-1987
- Assistant Professor (Visiting), Dept. of History, University of Puget Sound, Fall 1988
- Assistant Professor (Visiting), Dept. of General Science, Oregon State University, Spring 1989
- Associate Professor, Dept. of History, Hartwick College, 1989-1996; Professor, 1996-1998
- Associate Professor of Women's Studies, Arizona State University, 1998-2000
- Professor of Women and Gender Studies, Arizona State University, 2000-present

ADMINISTRATIVE EXPERIENCE:

Director of Women's Studies Program, Hartwick College, 1997-1998

AWARDS AND HONORS:

International:

- "Internationally Distinguished Professional," awarded by the Federation of Nicaraguan Professional Associations (CONAPRO), Managua, August 1987
- Recipient of the "Women's Emancipation Medal" of the Vietnam Women's Union; the "Science and Technology Medal" of the Vietnam Ministry of Science, Technology and the Environment; and the "Friendship Medal" of the Government of Vietnam, all three awarded in August 1995

National and Regional:

- Member, School of Social Science, The Institute for Advanced Study, Princeton, 1984-1985
- 1990 History of Women in Science Prize (awarded by the History of Science Society for the best article published on the subject from 1986 through 1989)
- Doctor of Letters, *honoris causa*, Saint-Mary-of-the-Woods College, Indiana, May 1995
- Columbia History of Science Group Graduate Student Prize for best talk (of 13), Annual Meeting, March 2004
- Arizona Humanities Council Speakers' Program, 2006-2009

Institutional:

- Hartwick College Student Senate Meritorious Service Award, 1991
- Dewar Professor of History, Hartwick College, 1995-1998
- Faculty Fellow, Arizona State University, 2000-2001

GRANTS AND FELLOWSHIPS**National:**

- Fulbright-Hays Department of Education Training Grant for dissertation research in the USSR and Sweden, 1981-1982
- International Research and Exchanges Board (IREX) Grant for research in Leningrad and Moscow, 1981-1982
- Member, School of Social Science, The Institute for Advanced Study (Princeton), 1984-1985; National Endowment for the Humanities Fellow
- IREX Grant for research in Moscow, Spring 1985
- National Science Foundation Grant, July 1985-June 1986
- IREX Short-Term Research Fellowship (Moscow), June 1986
- History of Science Society (HSS) Travel Grant, October 1987
- HSS Grant for Independent Scholars' Speakers Series, 1988-1989
- National Research Council Travel Grant, August 1989, for travel to the International Congress of the History of Science (ICHS) in Germany
- Social Science Research Council Fellowship (ACLS/SSRC Joint Committee Area Studies Grant), 1992-1994
- American Council of Learned Societies Fellowship, 1992-1993 (declined because it could not be held concurrently with the SSRC grant)
- Joint Committee Travel Grant, July 1993, for travel to the ICHS in Spain
- Whiteley Center Research Fellowship, Friday Harbor Laboratories, December 2006

Institutional:

- Hartwick College Summer Research Grant, 1990 and 1991
- Hartwick College Mini-sabbaticals, January Terms 1993, 1994, 1995
- Hartwick College Sabbatical, 1996-1997
- Arizona State University (ASU) International Travel Grant, 1998-1999
- ASU Travel Grant, 1998-1999
- ASU Women's Studies Program Summer Research Grants, 2000, 2002
- ASU Sabbatical, 2006-2007

PUBLICATIONS**SINGLE-AUTHORED VOLUMES**

- *A Convergence of Lives. Sofia Kovalevskaia: Scientist, Writer, Revolutionary* (Boston and Basel: Birkhauser, 1983); second, updated edition with new introduction and bibliographical essay (New Brunswick: Rutgers University Press, 1993).
- *Science, Women, and Revolution in Russia* (Amsterdam: Harwood Academic Publishers/Routledge, 2000), "Women and Science" series.
- *Sex and Herbs and Birth Control: Fertility Regulation Across Cultures and Through the Ages*, University of Michigan Press, in press.

EDITED VOLUMES

- *Memoria de Labores de la Conferencia Centroamericana de la Mujer en la Ciencia, la*

- Tecnología y la Medicina/ Proceedings of the Central American Conference on Women in Science, Technology and Medicine* (Seattle: Kovalevskaia Fund, 1988), editor and translator.
- *Memoria de Labores del Pre-Congreso de la Asociación de Mujeres Médicas Salvadoreñas sobre el Aborto: Su Impacto Médico y Social a Nivel Centroamericano* (Seattle: Kovalevskaia Fund, 1994), editor (with William Boyle and Neal Koblitz), and author of the introduction.

TRANSLATION

- Iu. I. Manin, *Mathematics and Physics* (Boston and Basel: Birkhauser, 1981); translated from Russian jointly with Neal Koblitz

ARTICLES

REFEREED PUBLICATIONS

- “Science, Women, and Revolution in Russia,” *Science for the People*, **14**, No. 4 (July/August 1982), pp. 14-18, 34-37.
- “Sofia Kovalevskaia and the Mathematical Community,” *The Mathematical Intelligencer*, **6**, No. 1 (1984), pp. 20-29.
- “Career and Home Life in the 1880s: A Mathematician’s Choices,” *Uneasy Careers and Intimate Lives: Women in Science*, ed. by Pnina Abir-Am and Dorinda Outram (New Brunswick, NJ: Rutgers University Press, 1987), pp. 172-190.
- Articles on Sofia Kovalevskaia and Elizaveta Litvinova, *Women of Mathematics: A Biobibliographic Sourcebook*, ed. by Paul J. Campbell and Louise Grinstein (New York: Greenwood Press, 1987), pp. 103-113; 129-134.
Litvinova article reprinted in Bettye Anne Case and Anne M. Leggett, eds., *Complexities: Women in Mathematics* (Princeton and Oxford: Princeton University Press, 2005), pp. 54-59.
- “Changing Views of Sofia Kovalevskaia” and “Sofia Kovalevskaia— A Biographical Sketch,” *The Legacy of Sonya Kovalevskaya (Contemporary Mathematics, Vol. 64)*, ed. by Linda Keen (Providence, RI: American Mathematical Society, 1987), pp. 53-76; 3-16.
- “A Historian Looks at Gender and Science,” *International Journal of Science Education*, **9**, No. 3 (1987), pp. 399-407. (An extended abstract of this paper is published in the Association for Women in Mathematics *Newsletter*, **16**, No. 4 (July/August 1986), p. 10.)
- “Science, Women, and the Russian Intelligentsia— The Generation of the 1860s,” *Isis*, **79** (June 1988), pp. 208-226. This article was awarded the 1990 History of Women in Science Prize by the History of Science Society.
- “Novye materialy o S. V. Kovalevskoi” (New materials on S. V. Kovalevskaia), *Istoriko-matematicheskie issledovaniia*, XXXII-XXXIII (Moscow: Nauka, 1990), pp. 408-417.
- “Women’s Opportunities to Study the Sciences Abroad: A Comparison of Cuba and Nicaragua,” *The Role of Women in the Development of Science and Technology in the Third World*, ed. by A. M. Faruqui, M. H. A. Hassan, G. Sandri (Singapore and London: World Scientific Publishers, 1991), pp. 721-723.
- “Sofia Kovalevskaia: una matematica rusa,” *Ciencias* (Mexico), No. 26 (April 1992), pp. 3-10.
- Series editor’s preface for Fay Ajzenberg-Selove, *A Matter of Choices: Memoirs of a Female Physicist* (New Brunswick: Rutgers University Press, 1994), pp. vii-viii.
- (with M. Fellows and N. Koblitz) “Cultural Aspects of Mathematics Education Reform,” *Notices of the American Mathematical Society*, **41**, No. 1 (January 1994), pp. 5-9.
- “Perspectivas históricas e interculturales sobre las mujeres en las Matemáticas,” *Mujer y Ciencia: Investigación y Currículo*, ed. by Yamila Azize Vargas and Evelyn Otero (Cayey, PR: Promujer, 1994), pp. 23-32.
- “From Carthage to Vietnam: The Diversity of Women’s Experiences in Mathematics,” *Didaktik*

- [Journal of the Austrian Mathematical Society], 25 (July 1994), pp. 108-142.
- “Women in Mathematics– An Assessment,” *The World’s Women 1995: Trends and Statistics* (New York: United Nations, 1995), p. 97.
 - “Feminist Perspectives on Gender and Mathematics” (Panel), *Gender and Mathematics Education*, Barbro Grevholm and Gila Hanna, eds. (Lund, Sweden: Lund University Press, 1995), pp. 383-385.
 - “Women Under Perestroika and Doi Moi: A Comparison of Marketization in Russia and Vietnam,” *Canadian Woman Studies*, **16**, No. 1 (Winter 1995), pp. 54-59.
 - “Challenges in Interpreting Data,” *The Gender Dimension of Science and Technology*, Sandra Harding and Elizabeth McGregor, eds. (Paris: UNESCO, 1995), pp. 27-28. Also published in the *World Science Report* (Paris, UNESCO, 1996), pp. 327-328.
 - “Mathematics and Gender: Some Cross-Cultural Observations,” *Towards Gender Equity in Mathematics Education* (Dordrecht: Kluwer Academic Publishers, 1996), pp. 93-109. Reprinted in *Mathematics and the Historian’s Craft: The Kenneth O. May Lectures* (New York and Halifax: Springer Verlag/ Canadian Mathematical Society, 2005), pp. 329-345.
 - Essay Review of *Women in Mathematics: The Addition of Difference*, in *Notices of the American Mathematical Society*, **45** (May 1998), pp. 606-609.
 - “Una mujer singular,” *Vida y obra matematica de Sofia Kovalevskaia (Ciencia y Matematica Contemporaneas*, vol. 4), Patricia Saavedra, ed. (Barcelona/Mexico City: Anthropos, 2001), pp. 1-13.
 - “Sof’ia Vasil’evna Kovalevskaia,” *Russian Literature in the Age of Realism* (vol. 277 of the *Dictionary of Literary Biography*), Alyssa Dinega Gillespie, ed. (Detroit, New York, etc.: The Gale Group, 2003), pp. 180-190.
 - Essay Review of *Beyond the Limit: The Dream of Sofya Kovalevskaya*, in *Notices of the American Mathematical Society*, **51** (January 2004), pp. 35-38.
 - “Sex and Herbs and Birth Control: The Complexities of Women’s Access to Fertility Regulation,” *PHOEBE: Gender & Cultural Critiques*, **16**, No. 2 (Fall 2004), pp. 11-21.
 - “Gender and Science Where Science Is on the Margins,” *Bulletin of Science, Technology & Society*, **25** (April 2005), pp. 107-114.
 - “Male Bonding Around the Campfire: Constructing Myths of Hohokam Militarism,” *Men and Masculinities*, **9**, No. 1 (July 2006), pp. 95-107.
 - “Women’s Participation in STEM [Science, Technology, Engineering and Medicine]: 21st-Century Trends,” in V. Krishnan, ed., *Proceedings: International Conference on Women’s Impact on Science & Technology in the New Millennium* (Bangalore, India: TWASROCASA, 2007), pp. 47-53.
 - “Some Surprising Cultural Influences on Women’s Entry Into the Sciences,” in V. Krishnan, ed., *Proceedings: International Conference on Women’s Impact on Science & Technology in the New Millennium* (Bangalore, India: TWASROCASA, 2007), pp. 155-157.

IN PRESS OR IN PREPARATION:

- “Divorce Arizona Style,” to appear in *Arizona Highways*.
- “Elliptic Curve Cryptography: The Serpentine Course of a Paradigm Shift,” to appear in *Journal of Number Theory* (with Neal Koblitz and Alfred Menezes)
- “Sofia Kovalevskaia,” to appear in an encyclopedia on women scientists to be published by Oxford University Press

SELECTED OTHER PROFESSIONAL PUBLICATIONS

- “A Few Words on Sofia Kovalevskaja,” Association for Women in Mathematics *Newsletter*, **13**, No. 2 (March/April 1983), pp. 12-14.
- “A Visit to Hanoi: Women in Mathematics in Vietnam,” Association for Women in Mathematics *Newsletter*, **13**, No. 6 (November/December 1983), pp. 18-21.
- “Sofia Kovalevskaja: ‘Muse of the Heavens,’” *New Scientist*, No. 1397 (16 February 1984), pp. 43-44.
- “The First Generation of Russian Women Scientists,” *Proceedings of the International Conference on the Role of Women in the History of Science, Technology and Medicine in the 19th and 20th Centuries* (Budapest: MTE SZ, 1983), I, pp. 99-103. A longer version of this paper appears in Spanish in the Union de Universidades de America Latina review *Universidades*, No. 98 (October/December 1984), pp. 175-183.
- Report on “The Role of Women in the History of Science, Technology and Medicine in the 19th and 20th Centuries. Veszprem, Hungary, 15-19 August 1983,” *Isis*, **75**, No. 277 (June 1984), pp. 361-363.
- “Mathematics and the External World: An Interview with Prof. A. T. Fomenko,” *The Mathematical Intelligencer*, **8**, No. 2 (1986), pp. 8-17, 25 (with Neal Koblitz).
- “A Reply to Mr. Chowdhury,” *The Mathematical Intelligencer*, **8**, No. 4 (1986), pp. 71-72.
- “‘Radical Feminist Analysis’ and GASAT: Some Possible Conflicts?” *Contributions to the Fourth GASAT Conference*, Jane Zimmer Daniels and Jane Butler Kahle, eds. (Ann Arbor, MI: GASAT, 1987), I, pp. 267-274.
- “Women in Science, Technology, and Medicine— An Overview of Issues and Research Topics,” *Proceedings of the Central American Conference on Women in Science, Technology, and Medicine* (Seattle: Kovalevskaja Fund, 1988), pp. 75-77.
- “Reply to Caroline Series and Maria Losada,” Association for Women in Mathematics *Newsletter*, **19**, No. 6 (November/December 1989), pp. 13-14.
- “Introduccion” and “Perspectivas historicas e interculturales sobre el control de la fertilidad,” both in *Memoria de Labores del Pre-Congreso de la Asociacion de Mujeres Medicas Salvadorenas sobre el Aborto: Su Impacto Medico y Social a Nivel Centroamericano*, William Boyle, Ann Hibner Koblitz and Neal Koblitz, eds. (Seattle: Kovalevskaja Fund, 1994), pp. 1-4 and 5-14.
- “Cross-National Comparisons of Women in Mathematics Education,” *TWOWS International Conference: Women’s Vision of Science & Technology for Development* (Trieste, Italy: TWOWS, 1995), pp. 241-242.
- “Intervening Earlier in the Pipeline: Future Directions for Projects in Math & Science Education for Women,” and “Activities of the Kovalevskaja Fund,” *Proceedings of the Third World Organization for Women in Science Conference* (Cape Town, South Africa: TWOWS, 2000), pp. 141-144.
- “The Kovalevskaja Fund,” *The Mathematical Intelligencer*, **22**, No. 2 (2000), pp. 62-65 (with Neal Koblitz).
- “Loi de tua/Preface,” *Nhung Nha Khoa Hoc Nu Viet Nam Duoc Giai Thuong Kovalevskaja* [Biographical Sketches of Vietnam Kovalevskaja Prizewinners] (Hanoi: Nha Xuat Ban Phu Nu [Women Publishing House], 2005), pp. 5-10.
- “Warriors, Campfires, and a Big Stick: Modern Male Fantasies of Hohokam Militarism,” *Old Pueblo Archaeology*, No. 53 (June 2008), pp. 2-5.

PUBLIC HISTORY

- “Was Neurosine Prescott’s Prozac in the Early 20th Century?” Days Past (feature column of the

Sharlot Hall Museum), *The Sunday Courier* [Yavapai County, AZ], October 13, 2002; also published on the Sharlot Hall Museum Archives website at

www.sharlot.org/archives/dayspast/show.pl

- “Advice for Women in Two Languages: Medical Almanacs in Early Prescott,” Days Past, *The Sunday Courier* [Yavapai County, AZ], March 9, 2003; also published at www.sharlot.org/archives/dayspast/show.pl
- “Prescott Accepted Homeopathy 100 Years Ago Despite AMA,” Days Past, *The Sunday Courier* [Yavapai County, AZ], November 9, 2003; also published at www.sharlot.org/archives/dayspast/show.pl
- “Miners, Traders, and Census Takers: Working Women in Territorial Arizona,” Days Past, *The Sunday Courier* [Yavapai County, AZ], September 5, 2004; also published at www.sharlot.org/archives/dayspast/show.pl
- “Preacher Ladies, Abused Wives, and Shady Women: ‘Respectability’ in Territorial Arizona,” Days Past, *The Sunday Courier* [Yavapai County, AZ] (newspaper title: “‘Outcasts’ Focuses on Two Communities of 1870s”), March 6, 2005; also published at www.sharlot.org/archives/dayspast/show.pl
- “They Kept Digging ‘Til Their Hope Ran Out,” Days Past, *The Sunday Courier* [Yavapai County, AZ], December 3, 2006; also published at www.sharlot.org/archives/dayspast/show.pl

BOOK REVIEWS

Over ninety-five book reviews have appeared in *American Journal of Physical Anthropology*, *American Mathematical Monthly*, *Association for Women in Mathematics Newsletter*, *Bulletin of the History of Medicine*, *Choice*, *Environmental Review*, *Isis*, *Kovalevskaia Fund Newsletter*, *The London Times Higher Education Supplement*, *The Mathematical Intelligencer*, *Notices of the American Mathematical Society*, *Phoebe*, *Russian History*, *Russian Review*, *Science*, *Slavic and East European Journal*, *Slavic Review*.

INVITED LECTURES, KEYNOTE ADDRESSES, SEMINARS, COLLOQUIA

International:

- Mathematics Society of Hanoi, April 1983, December 1992
- Talk jointly sponsored by the Department of Mathematics and the Women’s Centenary Commission, McGill University, November 1984
- Kenneth O. May Lecture on the History of Mathematics, Institute for the History and Philosophy of Science and Technology, University of Toronto, January 1985
- Hanoi Pedagogical University, April 1985 and January 1989
- Institute of the History of Science and Technology of the Academy of Sciences of the USSR, Moscow, May 1985 and June 1986
- Lecture, Institute for Mathematical Sciences, Madras, India, February 1989
- Keynote speaker, “La Mujer y las Ciencias” (centenary commemoration of Kovalevskaia’s death), Universidad Nacional Autonoma de Mexico, Mexico City, February 1991
- Keynote speaker, Annual Meeting of the Canadian History of Mathematics Society, Kingston, Ontario, May 1991
- Invited lecturer for the inauguration of the Kovalevskaia Visiting Chair in Applied Mathematics, Kaiserslautern University, Germany, February 1992
- Lecture, Simone de Beauvoir Institute, Concordia University, Montreal, March 1992
- Lecture, Mathematical Society of Peru, Lima, June 1992
- Mathematics Department Lecture, University of Puerto Rico– Rio Piedras; and Biology Department Lecture, University of Puerto Rico– Cayey, May 1993

- Mathematics Department Seminar, University of Zimbabwe, September 1993
- Women and Development Program Seminar, University of Botswana, September 1993
- Plenary Address, Osterreich Mathematische Gesellschaft, Linz, Austria, September 1993
- Plenary Panelist, “Feminist Perspectives on Math Education,” International Congress of Mathematical Instruction forum on “Gender and Mathematics,” Hoor, Sweden, October 1993
- Keynote Address at the Sixth Congress of the Salvadoran Women Doctors’ Association (Pre-congreso: “El Aborto: Su Impacto Medico y Social a Nivel Centroamericano”), June 1994
- Keynote Address at the Seventh Congress of the Salvadoran Women Doctors’ Association (Pre-Congreso: “Perspectivas Interculturales sobre la Educacion Sexual”), June 1996
- Graduate History Colloquium, University of the Western Cape, South Africa, April 1997
- Science Faculty Talk, University of Malawi, April 1997
- Talk jointly sponsored by Mathematical Sciences and Women’s Studies, University of Waterloo, Canada, November 1997
- Invited speaker, Sociedad Matematica Mexicana annual congress, Hermosillo, October 1998
- Mathematics Department, University of Talca, Chile, December 1998 (two talks)
- Plenary session panel participant, “The Role of International Organizations,” Third World Organization for Women in Science Congress, Cape Town, South Africa, February 1999
- Invited speaker, Tercer Coloquio de la Computacion y la Criptografia, Mexico City, July 1999
- Mathematics Institute of the Cuban Academy of Sciences (two talks, jointly sponsored by Mathematics and Women’s Studies), Havana, June 2001
- Keynote speaker, “Gender and Mathematics” international conference, Essen Institute for Gender Research (Essen, Germany), November 2001
- Gender and Development Graduate Seminar, Universidad Catolica, Lima, Peru, May 2002
- Gender and Development Seminar, Beijing University, China, December 2002
- Colloquium talk, Renmin University Institute for Population Research, China, December 2002
- Gender Studies Program, University of Havana, Cuba, May 2003
- Plenary address, Third World Organization for Women in Science International Congress, Bangalore, India, November 2005
- Featured Address, Sixtieth Birthday Celebration of Dr. Pilar Bayer/Twentieth Anniversary of her Number Theory Seminar, Barcelona, Spain, January 2006

Selected National and Regional:

- History of Science Seminar, University of Washington, April 1984
- Invited Lecture, Association for Women in Mathematics (Boston area chapter), November 1984
- Biography Seminar, The Institute for Advanced Study, Princeton, November 1984
- Lecture jointly sponsored by the History of Science, Slavic Languages & Literature, and Russian Studies Departments and the Women’s Center, Princeton University, February 1985
- School of Social Science Seminar, The Institute for Advanced Study, February 1985
- Invited Lecture, Kovalevskiaia Symposium, jointly sponsored by the Association for Women in Mathematics, the National Science Foundation, and the Bunting Institute, Cambridge, MA, October 1985
- History of Mathematics Lecture Series, Connecticut College, October 1985
- Psychology Department Colloquium, Reed College, December 1985
- Mellon Guest Lecturer, Haverford College, November 1986
- Invited Lecture, joint session of the Mathematics and History and Philosophy sections of the New York Academy of Sciences, December 1986
- History of Science Colloquium, University of Pennsylvania, March 1987

- Invited Lecture, Association for Women in Science (Boston chapter), March 1987
- Seminar, Harvard University Russian Research Center, March 1987
- Scientia Institute Lecture, Rice University, April 1987
- Forum for Independent Research in Science and Technology, jointly sponsored by Harvard University and the History of Science Society, December 1987
- Mathematics Department Colloquium, Whitman College, March 1988
- Mathematics Department Colloquium, Purdue University, October 1988
- Mathematics Department Colloquium, Pacific Lutheran University, February 1989
- Slavic Languages/ History Colloquium, University of Arizona, March 1989
- Mathematics Department Colloquium, Lewis and Clark College, May 1989
- Women and Culture Series Speaker, Middlebury College, September 1989
- Lecture jointly sponsored by Mathematics, History of Science, and Women's Studies at the University of Maryland, April 1990
- History of Science Department Colloquium, Cornell University, October 1991
- History of Science Program Colloquium, University of Minnesota, May 1992
- Volterra Lecture in the History of Mathematics, Brandeis University, March 1994
- Talk jointly sponsored by the Physics Department and Women's Studies, U.C.L.A., January 1995
- Keynote Address, Columbia History of Science Group annual meeting, February 1995
- Talk jointly sponsored by Mathematics and History Departments, Oberlin College, April 1996
- History of Science Colloquium, U.C.L.A., May 1999
- Women and Science Colloquium, University of Texas at Austin, November 1999
- Featured Address, Hartwick College, January 2001
- Mathematics Department Lecture, Howard University, March 2001
- Mathematics/Women's Studies Distinguished Lecture, University of Wyoming, October 2002
- Featured Address, Susan Gotsch Symposium on Women and Work, Hartwick College, October 2003
- Invited Lecture, Science & Society Program, Harvey Mudd College, February 2004
- Invited Lecture, Sharlot Hall Museum, Prescott, AZ, May 2005
- Invited Lecture, ADVANCE Women and Science Program, Iowa State University, April 2007
- Invited Lecture, Women's Studies Program, Iowa State University, April 2007
- Invited Lecture, Western History Symposium, Sharlot Hall Museum, October 2007
- Invited Lecture, Western History Corral, Sharlot Hall Museum, April 2008
- Keynote Speaker, "Women in Mathematics" Symposium, Institute for Advanced Study, Princeton, June 2009

Selected Institutional:

- Mathematics Department Graduate Colloquium, University of Washington, January 1983
- Mathematics Department Lecture, Wellesley College, November 1986
- Mathematics and History Departments Colloquia (separate), Oregon State University, April 1989
- Mathematics Department Lecture, Hartwick College, February 1990
- Hartwick College Faculty Lecture Series, March 1995
- Mathematics Department Lecture, State University of New York at Oneonta, March 1995
- Featured January Term address, Hartwick College, January 1998
- Mathematics Department Colloquium, ASU-Main, October 1999
- History of Science Program Lecture, ASU-West, March 2000
- Women's History Month Lecture, ASU-Downtown, March 2001

- Guest Lecture, Women in French Civilization & the Arts, ASU-Main, April 2001, April 2003, April 2006
- Russian & East European Studies Consortium Lecture, ASU-Main, April 2001
- Women's Studies Interdisciplinary Research Seminar, ASU, April 2002, December 2003
- Women's Studies Program Brown Bag Lecture, ASU, March 2003
- ASU Institute for Humanities Research Seminar, September 2007

CONFERENCE PRESENTATIONS

International:

- "Russian Women Scientists," International Conference on the Role of Women in the History of Science, Technology and Medicine in the 19th and 20th Centuries, Veszprem, Hungary, August 1983
- "Russian Women of the Sixties," International Congress of the History of Science (ICHS), Berkeley, August 1985
- "Women's Opportunities to Study the Sciences Abroad," Conference on "Women's Role in Science and Technology in Developing Countries," Trieste, Italy, October 1988
- International Studies Association sessions on Women in Privatization Processes in Eastern Europe, Atlanta, April 1992; Acapulco, March 1993 (variants on women in marketization in Russia and Vietnam)
- "Cross-national Comparisons of Women in Math Education," Third World Organization for Women in Science (TWOWS) conference on "Women's Vision of Science and Technology for Development," Cairo, Egypt, January 1993
- "Women in Science in the 'Third World,'" ICHS, Zaragoza, Spain, August 1993
- "Intervening Earlier in the Pipeline," 2nd Congress of TWOWS, Cape Town, South Africa, February 1999
- "Some Surprising Cultural Influences on Women's Entry Into the Sciences," 3rd Congress of TWOWS, Bangalore, India, November 2005

National and Regional:

- Invited Commentator for session on "American Women in Mathematics," History of Science Society (HSS) annual meeting, December 1984
- "A Historian Looks at Gender and Science," HSS annual meeting, Bloomington, IN, November 1985
- "Sofia Kovalevskaia," Conference on women's biography and autobiography, Stanford University Center for Research on Women, April 1986
- "Gender and Science Theories," joint meeting of the Columbia and West Coast History of Science Societies, Friday Harbor, WA, May 1986
- "Career and Home Life for Sofia Kovalevskaia," HSS annual meeting, Pittsburgh, October 1986
- Symposium on Women in Science, American Association for the Advancement of Science annual meeting, Chicago, February 1987
- Paper on gender and science theory, and workshop on the Kovalevskaia Fund for GASAT-4, Ann Arbor, July 1987
- "Science, Women, and the Ideas of the 1860s," Western Association of Women Historians annual meeting, Pasadena, May 1988
- Columbia History of Science Group (CHSG-- regional affiliate of the HSS) annual meeting, Friday Harbor, WA, May 1988, April 1991, February 1993 (various aspects of the Russian women scientists of the 1860s)

- “Gender and Science in the Russian Context,” conference on “Women in the History of the Russian Empire,” Akron and Kent, OH, August 1988
- “Autobiography as Mask– The Case of Sofia Kovalevskaia,” American Association for the Advancement of Slavic Studies (AAASS) Annual Meeting, Honolulu, November 1988
- “Lobster Quadrilles, Or the Intricacies of Sexual Arrangements Among the *Shestidesiatnitsy*,” Conference on “Images of Sexuality in the Russian Empire,” Amherst, September 1989
- “Mentors, Lovers, and Task Masters,” HSS annual meeting, Seattle, October 1990
- “Lifestyle Experimentation Among the *Shestidesiatnitsy*,” Pacific Coast Branch of the American Historical Association, Corvallis, August 1992
- “Marketization in Ideology and Practice,” New York State Historians Association, September 1992
- “Privatization Processes and Women’s Lives,” AAASS annual meeting, Honolulu, November 1993
- “Doi Moi and Perestroika in Women’s Lives,” Sixth Conference of the Northwest Regional Consortium for Southeast Asian Studies, Seattle, November 1994
- New England Historical Association meeting, session on women in Eastern Europe, April 1995
- “Spreading the Gospel of Science,” AAASS annual meeting, Washington, DC, October 1995
- Chair and comment on panel “Gender Theory and Images of Science,” HSS annual meeting, San Diego, November 1997 (session organizer)
- “Writing the Lives of Russian Women in Science,” HSS annual meeting, Kansas City, October 1998 (session organizer)
- “Transnational Studies of Gender and Science– Toward a Broader Perspective,” HSS annual meeting, Pittsburgh, November 1999
- “The Interplay of Gender, Class and Science in Less-Studied Parts of the World,” in conference “Writing the Past, Claiming the Future: Women and Gender in Science, Medicine, and Technology,” St. Louis, October 2000
- “Women in Mathematics Across Cultures: Questions, Observations and Conjectures,” CHSG annual meeting, Friday Harbor, March 2001
- “The Dead Woman on the Table: Forensic Pathology and Criminal Abortion, 1860-1930,” CHSG annual meeting, Friday Harbor, March 2002
- “Male Bonding Around the Campfire: Constructing Myths of Hohokam Militarism,” CHSG annual meeting, Friday Harbor, March 2004 (won grad student prize for best talk)
- “Southwestern Archaeologists and Constructions of Hohokam Militarism,” Western Association of Women Historians annual meeting, Phoenix, May 2005
- “Male Bonding Around the Campfire,” Western History Association annual meeting, Phoenix, October 2005

SELECTED PUBLIC LECTURES, PEDAGOGICAL WORK AND OUTREACH

International:

(Unless otherwise noted, all presentations in Spanish-speaking countries were in Spanish)

- Public lecture for teachers, Mathematical Society of Peru, Lima, June 1992
- Association of University Women, Universidad Nacional San Antonio Abad, Cuzco, Peru, March 1993
- Gender and Education workshop for primary school teachers, INFORP, El Salvador, November 1998
- Gender, Science and Technology workshop for volunteers and case workers, Centro Ecumenico Diego Medellin, Santiago, Chile, December 1998

- Workshops for teachers at Colegio Gauss (Carabayllo) and Colegio Froebel (Ayacucho), Peru, May 2002
 - Workshop for students at Hanoi Science University, December 2007
- In addition, I have given over fifty radio, television, newspaper and magazine interviews to the media in Cambodia, Costa Rica, Cuba, El Salvador, Germany, Hungary, India, Mexico, Nicaragua, Peru, South Africa, Thailand, and Vietnam on topics such as women in science and mathematics across cultures, human rights in Central America, the history of women in mathematics, gender and science in the “Third World,” the activities of the Kovalevskaia Fund, cross-cultural perspectives on fertility control and sex education.

I have also given over forty workshops and demonstration classes on innovative techniques for (gender- and culture-sensitive) mathematics instruction at the middle school level (grades 6-9) for teachers, student-teachers, and students in Belize, Chile, Cuba, El Salvador, Malawi, Mexico, Peru, Puerto Rico, South Africa, Vietnam, and Zimbabwe (normally but not always with Mike Fellows and/or Neal Koblitz).

National and Regional:

- Evening Speaker, Mathematical Association of America (MAA) meeting, Philadelphia, November 1985
- Luncheon Speaker, MAA/Society of Industrial and Applied Mathematicians meeting, Santa Barbara, March 1986
- Science for the People panel, MIT, Cambridge, February 1987
- Lecture, Boston chapter of the Association of Women in Science, March 1987
- Luncheon Speaker, Kovalevskaia High School Day, Simmons College, Boston, April 1987
- Lecture, New Jersey chapter of the Association for Women in Mathematics, Newark, April 1987
- Sigma Xi Lecturer, Hanscom Air Force Geophysics Laboratory, April 1987
- Workshop on Cultural Aspects of Mathematics Education (jointly with Neal Koblitz), Lewis Clark State College (Idaho), October 1994
- Talk at Summer Institute for the Mathematical Sciences Program for Undergraduate Women, Berkeley, June 1997
- Workshop “Beyond the Classroom: The Role of Faculty in Engaging Students” (jointly with Linda Sullivan), American Association for Higher Education national meeting, Phoenix, January 2002

In addition, I have twice appeared on the syndicated radio show “Math Medley,” and been interviewed in *USA Today*, *The Seattle Times*, and local newspapers and radio in upstate New York and Arizona as well as ASU’s *State Press*.

Institutional:

- Writing Workshops (4) and Internship Orientation for the Minorities in Science and Engineering Program of the University of Washington, July 1998, July 1999
- Talk for Women in Engineering Scholars Program, Arizona State University, February 1999
- Diversity Training Workshop facilitator for ASU Teaching Assistants Training, August 1999, August 2000
- Center for Nanotechnology and Society Science Café panel, March 2008

Normally, I give between 4 and 10 guest lectures a year in classes at ASU, the University of Washington, and wherever I happen to be giving an invited talk. Most often, the classes are in Women’s Studies or Mathematics (courses in History of Mathematics, Gender and Mathematics, or Mathematics Pedagogy); I have also presented in Engineering, French Civilization & Culture, Physics, Biology, History of Science,

and International Development classes.

Community:

- Lecturer and workshop discussion leader, West Valley School (Maricopa County) opening retreat for teachers, September 1999
- Presenter, Saguaro High School Career Days, October 2000 and October 2002
- Lecturer and workshop facilitator, Mesa Public Schools In-Service Training, November 2000

Normally, I give between 4 and 10 presentations a year for church groups, schools, and community organizations such as the Audubon Society, Amnesty International, the Humanist Society, Kiwanis and other service clubs, the YMCA/YWCA, and Sister City Programs. In my capacity as an Arizona Humanities Council speaker I have lectured in libraries and museums in Ajo, Apache Junction, Bisbee, Oracle, Prescott, Safford, Scottsdale, Tucson, and elsewhere.

CONFERENCE ORGANIZER, FOREIGN ORGANIZER, OR PROGRAM CHAIR

International:

- Southeast Asian Seminar on Women and Science in Developing Countries, Hanoi, January 1987; also delivered opening and closing remarks
- Central American Conference on Women in Science, Technology, and Medicine, Managua, August 1987; also delivered opening remarks and plenary address
- Second Central American Conference on Women in Science and Technology, San Jose, Costa Rica, June 1988; also gave opening remarks and plenary address
- Women and Science Seminar, National Autonomous University of Nicaragua, Managua, June 1988; also gave plenary address
- Women and the Professions Seminar, University of El Salvador, June 1989; also gave plenary address
- Women and Science seminars, University of El Salvador, June 1991, June 1992, June 1993, May 1997, June 1998, May 1999; also gave opening and closing remarks
- Women and Science seminars, Lima, Peru, June 1995, June 1996, and May 1997; also coordinated workshops on gender and science issues

National:

- Program Chair, CHSG annual meeting, Friday Harbors Labs, May 1990

SELECTED CONSULTING:

International:

- Consultant for the United Nations Statistical Division and UNIFEM, to prepare data sets and a section on women in science and technology for vol. 2 of *World's Women*, September - November 1993 and Summer 1994
- Consultant for the Vietnam Women's Museum and the Vietnam Women's Union, to redo their English-language brochures, captions, and exhibit inscriptions, January 1999, December 2000, December 2002, December 2007
- Consultant to the Gender Research Institute, University of Essen, to plan an international conference on women in mathematics in Germany, October 2000
- Editorial Board, Institute for Issues in the History of Science, Tempe AZ and Perm, Russia, August 2007 to present

National and Regional:

- Consultant to 1990 National History Day Committee
- Editor, Rutgers University Press "Lives of Women in Science" series, 1991-1995

- Consultant to Sharlot Hall Museum in Prescott, AZ for “Outcasts” exhibit, 2003

PROFESSIONAL ASSOCIATIONS:

American Historical Association, History of Science Society, Association for Women in Mathematics, Association of Women in Science, Arizona Archaeological Society, Columbia History of Science Group, National Women’s Studies Association, Western Association of Women Historians, Western History Association, Phi Alpha Theta (national history honor society), Kappa Mu Epsilon (national math honor society)

BOARD MEMBERSHIPS AND PROFESSIONAL SERVICE

International:

- Member of the Commission on the History of Women in Science, Technology and Medicine of the International Union of the History and Philosophy of Science, 1984-present
- Co-founder and Director, the Kovalevskaja Fund for Women in Science in Developing Countries, 1985-present
- Member of the Executive Board of the U.S. Committee for Scientific Cooperation with Vietnam and Chair of Women in Science/History of Science projects, 1985-present
- Organizer and chair of session on “The History of Women Scientists in the Third World and Developing Countries,” International Congress on the History of Science, Hamburg, August 1989

National and Regional:

- Co-chair of the Women’s Committee of the History of Science Society, Jan. 1986- Dec. 1987
- Member of the Committee on Research of the HSS, January 1986-December 1987
- President, CHSG (regional affiliate of the HSS), 1991
- Member of the American Mathematical Society Subcommittee on Problems of Access to Mathematical Information (a subcommittee of the AMS Committee on Publications), 1994-1996
- Member (elected) of the Board of Directors of the Association for Women in Slavic Studies, 1996-1998; Member of the AWSS Graduate Essay Prize Committee, and Chair of the AWSS Professional Issues Committee (developed a pamphlet of resources for entry-level Slavicists)
- Panel organizer and chair, “Life Cycle of the Professional Slavicist,” and chair for panel “Images of Men,” American Association for the Advancement of Slavic Studies annual meeting, Boca Raton, September 1998
- Member (board-appointed) of the Committee on Opportunities in Science (COOS) of the American Association for the Advancement of Science (AAAS), 2001-2003 (COOS advises the AAAS Directorate for Education and Human Resources)
- AAAS Mentor and Life Mentor Awards Judging Panel, 2001-2004

In addition, I have refereed thirteen book manuscripts for Altamira Press, Indiana University Press, MIT Press, University of Mississippi Press, Routledge, Roxbury Publications, and Rutgers University Press. I have also reviewed numerous grant proposals for the National Science Foundation, the National Endowment for the Humanities, and other federal and Canadian funding agencies, as well as many article manuscripts for *Aspasia*, *Frontiers*, *International Sociology*, *Isis*, *Historia Mathematica*, and *The Mathematical Intelligencer*.

Selected Institutional Service at Hartwick College:

- Committee on Interdisciplinary and Non-Departmental Programs, 1989-1993
- Committee on Off-Campus Programs, 1993-1998
- Search Committee for Dean of Off-Campus Programs, Spring 1992
- Five History Department Search Committees, 1992-1998

- January Term Program Coordinator, “The Global Village,” 1992-1993
- January Term Program Committee, “Gender in the Arts and Sciences,” 1997-1998
- Director of Women’s Studies, 1997-1998
- Program Review Coordinator, Women’s Studies, 1997-1998; authored the review document

ASU Service:

- Institutional Representative for ASU Russian Consortium at the Institutional Members’ meeting, American Association for the Advancement of Slavic Studies annual meeting, September 1998
- Search Committee for Gender, Race & Class Position, Women’s Studies Program (WSP), Fall 1998
- Personnel Advisory Committee, WSP, 1998-2000, 2001-2006 (chair 2004-2006), 2007-2009 (chair)
- Curriculum Committee, WSP, 1998-2000
- ASU (all-campus) Commission on the Status of Women, 1998-2000
- Section discussion leader, founding meeting for a graduate women’s organization, November 1998
- Member of the Executive Board of the ASU Faculty Women’s Association, 1999-2005; chair of Prizes Committee, 2001
- Chair of Director Search Committee, WSP, 1999-2000
- WSP Academic Advisor, 2000-2001
- WSP Promotion & Tenure Committee, 2001-2002, 2004-2005 (chair), 2007-2009 (chair)
- Faculty Ambassadors Program, 1999-2006
- University Honors Council, 2001-2005
- Chair, Lisa Anderson’s fourth-year review, WSP, 2003
- Second Reader (and *de facto* chair), Ayona Datta’s Doctoral Dissertation in Architecture & Urban Planning, 2002-2003
- WSP Assistant Professor Search Committee, 2003-2004
- WSP Director Search Committee, 2003-2004
- WSP Summer Research Awards Committee, 2004
- ASU College of Liberal Arts & Sciences (CLAS) Research Awards Committee, 2004-2006
- CLAS Faculty Mentoring Program, 2004-2006
- ASU Academic Senate, Spring 2005
- Russian & East European Studies Center Personnel Advisory Committee (elected), 2005-2007
- Director of four undergraduate senior honors theses; second or third reader of five others
- Advisory Board, Institute for Humanities Research, 2005-2008 (included fellowship and grant review)
- Search Committee, Institute for Humanities Research Director, 2005-2006
- CLAS Science & Society Curriculum Requirements Implementation Committee, 2005-2006
- Member, Jade Williams’ doctoral dissertation committee in Communications, 2007-2008
- Member of Seven-Year Review Committee for WSP, 2007-2008
- Program Steering Committee, Interdisciplinary Doctoral Program in the Human and Social Dimensions of Science & Technology, 2007-2009