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**JOAN CADDEN  
CURRICULUM VITAE**

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History Department  
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**Employment:**

University of California at Davis, 2008-present, Professor Emerita of History; 1996-2008 Professor of History; 1996-2008, member, Science & Technology Studies Program; 2000, 2003-04, Director, Science and Technology Studies Program.  
Max-Planck Institut für Wissenschaftsgeschichte, 1997-98, wissenschaftliche Mitarbeiter.  
Kenyon College, Gambier, Ohio, 1978-96: Professor of History, 1989-1996  
University of Colorado, Boulder, Colorado, 1976-78: Research Associate, Ethical and Human Values Implications of Science and Technology (NSF); History Department, Visiting Instructor, Visiting Lecturer.  
Harvard University, Cambridge, Mass., 1971-76: Assistant Professor of History of Science; Head Tutor, History and Science Program; 1991-92: Visiting Scholar.

**Education:**

Indiana University, Bloomington: Ph.D. in History and Philosophy of Science, 1971.  
Dissertation: "The Medieval Philosophy and Biology of Growth: Albertus Magnus, Thomas Aquinas, Albert of Saxony and Marsilius of Inghen on Book I, Chapter v of Aristotle's *De generatione et corruptione*."

Columbia University, New York: M.A. in History, 1967. Thesis: "*De elementis*: Earth, Water, Air and Fire in the 12th and 13th Centuries."

Centre d'Études Supérieures de Civilisation Médiévale, Université de Poitiers, France, 1965-66: Major field, Medieval Natural Philosophy.

Vassar College, Poughkeepsie, N.Y.: B.A. in History, 1965.

**Fellowships and Grants:**

National Science Foundation Research Grants, 1981-82; 1985-1986; 2001-03, 2006-07  
 University of California Faculty Research Grants, 1996-2004  
 Max-Planck Institut für Wissenschaftsgeschichte, research position, 1997-98  
 American Council of Learned Societies Travel Grant, 1990  
 Howard Foundation Fellowship, 1985-86  
 National Endowment for the Humanities Summer Seminar, 1984  
 American Philosophical Society Research Grant, 1981  
 Kenyon Faculty Development Grants, 1979, 1981-82, 1984, 1991, 1992  
 National Endowment for the Humanities Fellowship, 1974-75  
 Harvard Graduate Society Fund Research Grant, 1972-74  
 Josiah Macy, Jr. Foundation Fellowship, 1969-71  
 National Science Foundation Traineeship, 1967-69  
 Vassar College Graduate Fellowship, 1965-66

### **Honors and Awards:**

Foremother Honoree, Society for Medieval Feminist Scholarship, 2009  
 Outstanding Mentor Award, Consortium for Women and Research, University of California, Davis, 2006.  
 Award for Excellence in Service to Graduate Students, Graduate Student Association, University of California, Davis, 2005  
 History of Science Society Distinguished Lecturer, 2003  
 History of Science Society Pfizer Prize for *Meanings of Sex Difference*, 1994.

### **Books:**

*"Nothing Natural Is Shameful": Sodomy and Science in Late Medieval Europe.* Philadelphia: University of Pennsylvania Press, 2013.

*Meanings of Sex Difference in the Middle Ages: Medicine, Science, and Culture.* Cambridge University Press, 1993.  
 --Excerpts reprinted in *Sexualities*, ed. Robert Nye. Oxford Reader. Oxford: Oxford University Press, 1999.  
 --Paperback edition, 1995.  
 --Awarded the 1994 History of Science Society Pfizer Prize for the best book in English on the History of Science.

### **Articles:**

"Sex and Sensibilities in the Medieval *Problemata* Tradition: Pietro d'Abano and His Readers." In *Between Text and Tradition: Pietro d'Abano and the Reception of Pseudo-Aristotle's Problemata Physica in the Middle Ages*, ed. Pieter De Leemans and Maarten J.F.M. Hoenen, pp. 53-79. Leuven: Leuven University Press, 2016.

"The Organization of Knowledge: Disciplines and Practices." In *The Cambridge History of Medieval Science*, ed. David C. Lindberg and Michael H. Shank, vol. 2 of *The Cambridge History of Science*, pp. 240-67. Cambridge: Cambridge University Press, 2013.

- "Albertus Magnus on Vacua in the Living Body." In *La nature et le vide dans la physique médiévale: Etudes dédiées à Edward Grant*, ed. Joël Biard and Sabine Rommevaux, pp. 187-203. *Studia Artistarum, Études sur la Faculté des Arts dans les Universités Médiévales* 32. Turnhout: Brepols, 2012.
- "In Search of the Divine Physician: Learned Medicine and Psychology in the Works of Three Fifteenth-Century Spanish Nuns." In *Between Text and Patient: The Medical Enterprise in Medieval and Early Modern Europe*, ed. Florence Eliza Glaze and Brian Nance, pp. 137-69. *Micrologus: Natura, scienze e società medievali/ Nature, Sciences and Medieval Societies*, 39. Florence: SIESMEL, 2011.
- "Preliminary Observations on the Place of the *Problemata* in Medieval Learning." In *Aristotle's Problemata in Different Times and Tongues*, ed. Michèle Goyens and Pieter De Leemans, pp. 1-19. *Medievalia Lovaniensia*. Leuven: Peeters, 2006.
- "Introduction," Focus section on *The Death of Nature*, *Isis*, 97 (2006): 485-486.
- "Hrotsvit von Gandersheim and the Political Uses of Astrology." In *Medieval Constructions in Gender and Identity: Essays in Honor of Joan M. Ferrante*, ed. Teodolinda Barolini, pp. 11-28. *Medieval and Renaissance Texts and Studies*. Tempe, Ariz.: Arizona Center for Medieval and Renaissance Studies, 2005.
- "Trouble in the Earthly Paradise: The Regime of Nature in Late Medieval Christian Culture." In *The Moral Authority of Nature*, ed. Lorraine Daston and Fernando Vidal, pp. 207-31. Chicago: University of Chicago Press, 2004.
- "Sexuality, Medical." *Dictionary of the Middle Ages: Supplement 1*, pp. 577-80.
- "Christine de Pizan and the Scientific Culture of Late Medieval France: The Example of Alchemy." In *Alchemy, Chemistry and Pharmacy*, ed. Michel Bougard, vol. 1 of *Proceedings of the XXth International Congress of the History of Science (Liège, 20-26 July 1997)*, pp. 11-16. Turnhout: Brepols, 2002.
- "'Nothing Natural Is Shameful': Vestiges of a Debate about Sex and Science in a Group of Late Medieval Manuscripts." *Speculum*, 76 (2001): 66-89.
- "Charles V, Nicole Oresme, and Christine de Pizan: Unities and Uses of Knowledge in Fourteenth-Century France." In *Texts and Contexts in Ancient and Medieval Science: Studies on the Occasion of John E. Murdoch's Seventieth Birthday*. Ed. Edith Sylla and Michael McVaugh, pp. 208-244. *Studies in Intellectual History*. Leiden: Brill, 1997.
- "Silences/Sciences: The Natures and Languages of 'Sodomy' in Peter of Abano's *Problemata* Commentary." In *Constructing Medieval Sexuality*, ed. Karma Locherie, Peggy McCracken, and James Schultz, pp. 40-57. *Medieval Cultures*, 11. Minneapolis: University of Minnesota Press, 1997.

- Reprinted as "Sciences/Silences--Die Naturen und Sprachen der 'Sodomie' in Petrus' von Abano *Problemata*-Kommentar," trans. Beatrice Michaelis. In *Geschlecht als Tabu: Orte, Dynamiken und Funktionen des De/Thematisierung von Geschlecht*, ed. Ute Frietsch, Konstanze Hanitzsch, Jennifer John, and Beatrice Michaelis, pp. 117-140. Gender Codes, 5. Bielefeld: Transcript, 2008.
- "On a Daughter's Death, Venice, 1477," *Medieval Feminist Newsletter*, 24 (1997): 15-17.
- "The Diversity of Sexual Attitudes in Medieval Europe: Christian and Medical Traditions." In *The Evolution of the Meaning of Sexual Intercourse in the Human*, ed. Guiseppe Benagiano, Gian Carlo Di Renzi, and Ermelando V. Cosmi, with James D. Woods and Emilio Mordini, pp. 93-100. Cortona: International Institute for the Study of Man, 1996.
- "Western Medicine and Natural Philosophy." In *Handbook of Medieval Sexuality*. Ed. V. L. Bullough and J. Brundage, pp. 51-80. Garland Reference Library of the Humanities 1696. New York: Garland, 1996.
- "Und er schuf sie als Mann und als Weib: Geschlecht und Wissenschaft im Werk der Hildegard von Bingen." In *Das Geschlecht der Natur: Feministische Beiträge zur Geschichte und Theorie der Naturwissenschaften*, ed. Barbara Orland and Elvira Scheich; trans. Xenja Rajewski, pp. 224-39. Gender Studies, Vom Unterschied der Geschlechter. Frankfurt: Suhrkamp, 1995.
- "Science and Rhetoric in the Middle Ages: The Natural Philosophy of William of Conches," *Journal of the History of Ideas* 56 (1995): 1-24.
- "Wissenschaft, Sprache und Macht im Werke Hildegards von Bingen," *Feministische Studien*, 9 (1991): 69-79.
- "Medieval Scientific and Medical Views of Sexuality: Questions of Propriety," *Medievalia et Humanistica*, n.s. 14 (1986): 157-171.
- "It Takes All Kinds: Sexuality and Gender Differences in Hildegard of Bingen's *Book of Compound Medicine*," *Traditio*, 40 (1984): 149-174.
- "Questions and Reflections on Science for Women." In *Proceedings of the Sixth Annual Great Lakes College Association Women's Studies Conference*, ed. Beth Reed, pp. 57-61. Ann Arbor: GLCA Women's Studies Program, 1982.
- "A Matter of Life and Death: Water in the Natural Philosophy of Albertus Magnus," *History and Philosophy of the Life Sciences*, 2 (1980): 241-252.
- "Albertus Magnus' Universal Physiology: The Example of Nutrition." In *Albertus Magnus and the Sciences*, ed. James A. Weisheipl, pp. 321-339. Toronto: Pontifical Institute of Mediaeval Studies, 1980.

"Two Definitions of *Elementum* in a 13th-Century Philosophical Text," *Actes du XII<sup>e</sup> Congrès International d'Histoire des Sciences, Paris, 1968* (Paris, 1969), vol. 3A, pp. 33-36.

### **Selected Presentations:**

"Sharing the Marks of Gender in Medieval Europe: Sodomites and Women," Symposium on the History of Sexuality, The Institute for Gender, Sexuality, and Feminist Studies, McGill University, 2010. (Invited.)

"Medieval Audiences for Aristotelian Sex," Conference, "Medieval Sexuality: 2009," Center for Medieval and Renaissance Studies Ahmanson Conference Series, UCLA, 2009 (Invited.)

"What's Wrong? Silence, Speech, and the Problema of Sodomy," Symposium on Religion and Medicine in the Medieval West, Wellcome Institute for the History of Medicine, University College, London, 2009. (Invited.)

"Coitus, Cause, and Conscience: Pietro d'Abano and His Readers on Problemata, IV.26," Philosophy between Text and Tradition: Petrus de Abano and the Reception of Aristotle's Problemata in the Middle Ages, University of Freiburg im Breisgau, 2007. (Keynote.)

"Sex, Science, Silence, and Laughter in Medieval Europe," Sexual Histories: Bodies and Desires Uncovered, conference, University of Exeter, 2007. (Keynote.)

"Knowledge of Medicine and Natural Philosophy among Women in Fifteenth-Century Iberia," Between Text and Patient, symposium, University of North Carolina, 2007. (Invited.)

"Gender, Genre, and Scientific Literacy in the Middle Ages," Department of the History of Science, Harvard University, 2007. (Invited.)

"Marginal Sex in the Margins: The Manuscripts of a 'Problem' Text," Medieval Studies, Harvard University, 2007. (Invited.)

"Scientific Literacy? Heloise Says Women Seldom Get Drunk," 41st International Congress on Medieval Studies, Kalamazoo, Mich., 2006.

"Medieval Sex and the Limits of Science," University of California, San Diego, 2006. (Invited.)

"Medicine, Science and Sex in Medieval Europe," University of Oregon, Eugene, 2005.

"Marginal Sex in the Margins: The Manuscripts of a 'Problem' Text," keynote address, Graduate Student Medieval Studies Conference, University of California, Berkeley, 2005. (Invited.)

"Sex and Science in Medieval Europe," Phi Alpha Theta annual lecture, Santa Clara University, Santa Clara, Cal., 2005. (Invited.)

- "Find What Wind Serves to Advance an Honest Mind': Phenomena and Fashion in the History of Medieval Science," History of Science Society Distinguished Lecture, Cambridge, Mass., 2003. (Invited.)
- "Preliminary Observations on the Place of the *Problemata* in Medieval Learning," Katholieke Universiteit, Leuven, Belgium, 2003. (Invited.)
- "Are 'Sodomites' Like Women? Scientific Theories from Medieval Europe," Series on Gender in Science, Technology and Medicine, University of Michigan, Ann Arbor, 2003. (Invited.)
- "Are Sodomites Feminine? A View from Natural Philosophy," conference "Perspectives on Medieval Gender and Sexuality," King's College, London, 2002.
- "Women Writers and the Uses of Natural Philosophy in the Middle Ages: Hrotsvit von Gandersheim," Columbia University, 2001. (Invited.)
- "Just Like a Woman': A Natural Philosopher on "Those with Whom Intercourse Is Had," Medieval Academy of America, Austin, 2000.
- "The Challenge of Sodomy and the Boundaries of Science in the Middle Ages," UCLA History of Science Colloquium, 1999. (Invited.)
- "Authority and Comparison in the Anatomy of a Medieval Argument," Max-Planck Institut für Wissenschaftsgeschichte, Berlin, 1998. (Invited.)
- "Rien de naturel n'est honteux': La sexualité, la philosophie naturelle, et l'histoire d'un texte médiéval," École Pratique des Hautes Études, the Sorbonne, Paris, 1998. (Invited.)
- "Christine de Pizan and the Scientific Culture of Late Medieval France," XXth International Conference of the History of Science," Liège, 1997.
- "Mistressing Nature: Questions on Science, Medicine, and Gender from the Middle Ages," West Coast History of Science Society, Pomona College, 1997. (Keynote.)
- "The Anatomy, Physiology, and Psychology of Sodomy: A Fourteenth-Century Physician Looks at Homosexual Desire," University of California, San Francisco, 1997. (Invited.)
- "Science and Homosexuality: A Medieval Perspective," Mark M. Horblit Colloquium, Harvard University, 1996. (Invited.)
- "Growing Up and Growing Old: Life Cycles, Life Sciences, and Gendered Sexual Forces," 31st International Congress on Medieval Studies, Kalamazoo, 1996.
- "Menstruum/Monstruum: Science and Sodomy in the Middle Ages," Medieval Studies and Women's Studies Programs, Ohio State University, Columbus, 1996. (Invited.)

- "Science and Medicine," three presentations at the NEH Summer Institute, "Sex and Gender in the Middle Ages," Notre Dame, 1995. (Invited.)
- "The Rape of Philosophy: The Rhetoric of Gender in the Legitimation of Pre-Modern Science," Conference on "The Women, Gender, and Science Question," University of Minnesota, Minneapolis-St. Paul, 1995.
- "What Was Medieval Science? Answers from the Library of Charles V of France," Indiana University, 1995. (Invited.)
- "Sciences/Silences: Naming Sodomites and Other Others," Newberry Library Conference, "Constructing Medieval Sexuality," 1994. (Invited.)
- "Women's Healthcare Work in the Middle Ages: Witches, Midwives, and Nurses Revisited," University of Pennsylvania, 1993. (Invited.)
- "Sexual Attitudes in Early Christian Europe" at "The Evaluation and Meaning of Sexual Intercourse in the Human: An International Multidisciplinary Workshop," Caprarola, 1992. (Invited.)
- "Women and Medicine in the Middle Ages: Archival Sources" at "The Roles of Women in the Middle Ages: A Reassessment," Binghamton, N.Y., 1992.
- "Science and Rhetoric in the Middle Ages: The Schools, the Aristocracy, and the Natural Philosophy of William of Conches," Shelby Cullom Davis Center, Princeton University, 1992. (Invited.)
- "Philosophy Classes: The Schools, the Aristocracy and the Rhetoric of Natural Philosophy in the Work of William of Conches," Mark M. Horblit Colloquium, Harvard University, 1992. (Invited.)
- "Redrawing the Boundaries of Medieval Science," at "Conference on Critical Problems and Research Frontiers in the History of Science and Technology," Madison, 1991. (Invited.)
- "Authority, Authors, Audience and the Arabic Legacy: A Gender Agenda for Western Science and Medicine," 26th International Congress on Medieval Studies, Kalamazoo, 1991.
- "Male and Female Created He Them: Gender and Science in the Middle Ages" at "Internationales Kolloquium: 'Science and Gender' Aktueller Stand der Auseinandersetzungen um Evelyn Fox Kellers Forschungen zu Naturwissenschaft und Technik," Berlin, 1990. (Invited.)
- "Science, Language and Power in the Work of Hildegard of Bingen," XVIIIth International Congress of History of Science, Hamburg, 1989.

- "Medieval Concepts of Gender: Science, Society and Religion," Arizona Center for Medieval and Renaissance Studies, Department of Zoology, and History and Philosophy of Science Program, Arizona State University, Tempe, 1986. (Invited.)
- "Is Sex Necessary? Late Medieval Scientific Views of Sexual Abstinence," American Historical Association, New York, 1985.
- "Is Sex Necessary? Is It Natural? Is It Good? Late Medieval Medical and Scientific Views of Reproduction and Sexuality," Cornell University Colloquium on the History and Philosophy of Science and Technology, Ithaca, 1985. (Invited.)
- "History of Science in the Undergraduate Curriculum: The Liberal Arts College," History of Science Society, Chicago, 1984.
- "Why Am I Talking about Physiognomy?" Medieval Science Colloquium, Collegeville, Minn., 1984. (Invited.)
- "Sex in the Middle Ages: Biomedical Models of Sex Difference," Rockwood Symposium: Women in/and Science, Miami University, Oxford, Ohio, 1984. (Invited.)
- "Women and Science: Biomedical Case Studies" with Bonnie Lamvermeyer, Great Lakes Colleges Association Women's Studies Conference, Rochester, Ind., 1983.
- "Medieval Scientific and Medical Views of Sexuality: Frankness and Decorum," 18th International Congress on Medieval Studies, Kalamazoo, 1983.
- "Hec scientia dividitur in duas partes," VII<sup>e</sup> Congrès International de Philosophie Médiévale, Louvain, 1982 (invited written communication).
- "Sex in the Middle Ages: Suggestions and Questions for the Study of Scientific and Medical Ideas of Female and Male," Ohio Academy of History, Columbus, 1981.
- "To Every Thing There is a Season: The Invocation of Observation in Scholastic Physiology," History of Science Society, New York, 1979.
- "Women, Slaves and Other Children: Two Historical Cases and a Moral," Great Lakes College Association Women's Studies Conference, Rochester, Ind., 1979.
- "Aristotelian Physics in the *De Anima* of Albert Magnus," History of Science Society annual meeting, Philadelphia, 1976.
- "Some Evidence on Evidence in Early Stuart England," Rocky Mountain Conference on British Studies, Salt Lake City, 1976.
- "Ancient and Medieval Medicine," a series of presentations, University of Texas Medical Branch, Galveston, 1974. (Invited.)

"A Matter of Life and Death: Water in the Natural Philosophy of Albertus Magnus," Mediaeval Academy of America, Ithaca, 1973.

"Albertus Magnus on Nourishment," Josiah Macy, Jr. Foundation Conference on the History of Medicine and Biology, Princeton, 1973. (Invited.)

"Harvey, Shakespeare and the Renaissance Quest for Truth," Berkshire Conference of Women Historians, Pittsfield, Mass., 1972.

### Reviews:

Monica H. Green, *Making Women's Medicine Masculine: The Rise of Male Authority in Premodern Gynaecology*, in *American Historical Review*, 115 (2010).

Michèle Goyens, Pieter De Leemans, and An Smets, eds., *Science Translated: Latin and Vernacular Translations of Scientific Treatises in Medieval Europe*, in *Isis*, 101 (2010).

Maaïke Van Der Lugt, *Le ver, le démon et la Vierge: Les théories médiévales de la génération extraordinaire. Une étude sur les rapports entre théologie, philosophie naturelle et médecine*, in *Isis*, 96 (2005).

Melitta Weiss Adamson, *Medieval Dietetics: Food and Drink in Regimen Sanitatis Literature from 800 to 1400*, in *Bulletin of the History of Medicine*, 73 (1999).

John Boswell, *Same Sex Unions in Premodern Europe*, in *Speculum* 71 (1996).

Faye Marie Getz, *Healing and Society in Medieval England: A Middle English Translation of the Pharmaceutical Writings of Gilbertus Anglicus*, in *Speculum* 69 (1994).

Danielle Jacquart and Claude Thomasset, *Sexuality and Medicine in the Middle Ages*, in *Isis*, 81 (1990).

Albertus Magnus, *Man and the Beasts (De animalibus, Books 22-26)*, ed. and trans. James J. Scanlan in *Isis*, 80 (1989).

Elizabeth Sears, *The Ages of Man: Medieval Interpretations of the Life Cycle* in *Isis* 78 (1987).  
Edward Grant, *Much Ado About Nothing: Theories of Space and Vacuum from the Middle Ages to the Scientific Revolution* in *American Scientist*, 70 (1982).

Ian Maclean, *The Renaissance Notion of Woman: A Study in the Fortunes of Scholasticism and Medical Science in European Intellectual Life* in *Manuscripta*, 25 (1981).

Beryl Rowland, *Birds with Human Souls: A Guide to Bird Symbolism* in *Isis*, 70 (1979).

Richard C. Dales, *Marius: On the Elements* in *Isis*, 70 (1979).

Albrecht Quentin, *Naturkenntnisse und Naturanschauungen bei Wilhelm von Auvergne in Isis*, 69 (1978).

### **Professional Activities and Service:**

History of Science Society: Rossiter Prize Committee, member 2009-2011; chair, 2011; President, 2006-2007; Vice President, 2004-2005; Pfizer Prize Committee, member 2000-03; chair, 2002-03; Committee on Honors and Prizes, 1996-99; Council, member 1975-78 and 1995-98; Committee on Finance, member 1996-98; Dibner Visiting Lecturer, 1996-97; Nominating Committee, member 1973, 1976, 1996; Isis Editorial Board, member 1986-89; Zeitlin-Ver Brugge Prize Committee member, 1986-87; chair, 1987; Committee on Unaffiliated Scholars, member 1977-1983; Schuman Prize Committee, chair 1975

Medieval Academy of America: Council, member 2001-04, Executive Committee, 2003-04.

American Historical Association: Program Planning Committee, 1996-7.

Electronic Catalogue of Incipits, Advisory Board, member 1998- 99.

Society for Medieval Feminist Scholarship: Medieval Feminist Index, Advisory Board, member 1995-present; Medieval Feminist Newsletter Editorial Board, member 1991-5.

University of California, Davis: Graduate Council member, 2004-06; Davis Humanities Institute, member of the Board, 2004-06; Feminist Theory and Research, Executive Committee member, 2004-present; History Department representative to the Academic Assembly of the College of Letters and Science, 2003-04; Science & Technology Studies Program (formerly History & Philosophy of Science), Program Committee, member 1996-present and Director 2000 and 2003-04; Committee on Medieval and Early Modern Studies, member 1996-present; Center for History, Society, and Culture, member 2003-2006.

Ohio Academy of History: Teaching Award Committee, member 1990-91, chair 1994-5.

Kenyon College: Women's and Gender Studies Advisory Committee, 1993-95; Department of History, chair 1990-91, 1992-3, 1994-5; Multicultural Affairs Committee, member 1989-93, chair 1989-90; Faculty Affairs Committee, member 1988-90; chair 1989-90; Committee on Sexual Harassment Procedures, member 1986-87; Committee on Advising and Standards, chair 1982-84; Committee on Women and the Curriculum, chair 1980-81.

University of Colorado Committee on the History of Science, member 1979-80.