JOAN WENNSTROM BENNETT

CURRICULUM VITAE

8-24-17

Contact and personal information:

Work address:
Department of Plant Biology and Pathology
School of Environmental and Biological Sciences – Rutgers University
59 Dudley Road
New Brunswick, NJ 08901
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Home address:
39 Highwood Road
Somerset, NJ 08873
Tel: 732-227-9039
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Married (Mrs. David Peterson)
Three birth children, two step children

Education:

1967 Ph.D. (Botany and Genetics), **University of Chicago**, Chicago, IL, and U.S. Public Health Service Trainee in Genetics (Dissertation advisor: E. D. Garber)

1964 M.S. (Botany), **University of Chicago**, Chicago, IL, Hutchinson Memorial Fellowship (Thesis advisor: E. D. Garber)

1963 B.S. (Biology and History), **Upsala College**, East Orange, NJ, Upsala College Board of Trustees Scholarship

Positions Held:

Rutgers University, New Brunswick, New Jersey
2006-present Distinguished Professor, Department of Plant Biology and Pathology (from 2011, Affiliate Member, Center for Environmental Health Sciences at the Environmental and Occupational Health Sciences Institute)

2006-2014 Associate Vice President, Office for the Promotion of Women in Science, Engineering and Mathematics

Tulane University, New Orleans, Louisiana
1990-2006 Professor, Department of Cell and Molecular Biology
1981-1990 Professor, Department of Biology
1976-1981 Associate Professor, Department of Biology
1971-1976 Assistant Professor, Department of Biology

1970-1971 Acting Visiting Assistant Professor and National Science Foundation Postdoctoral Fellow, Department of Biology (with A. L. Welden)

Southern Regional Research Laboratory, New Orleans, Louisiana
1968-1970 National Research Council Postdoctoral Fellow,
Oilseed Corps Lab, U.S. Department of Agriculture (with L. A. Goldblatt)

University of Chicago, **Chicago, IL**
1967-1968 National Science Foundation Postdoctoral Fellow,
Department of Biology (with E. D. Garber)

Fields of Interest:

Fungal genetics and metabolism (secondary metabolism and volatile organic compounds); Genomics; Bioethics; Women in science; History of microbiology; Science education.

Membership in Professional Societies:

American Association for the Advancement of Science; American Society for Microbiology; British Mycological Society; International Society for Chemical Ecology; Mycological Society of America; Omicron Delta Kappa; Sigma Xi; Society for Applied Microbiology; Society for Industrial Microbiology and Biotechnology, Torrey Botanical Club

Administrative and elected offices held:

2006-2014 Associate Vice President, Rutgers University
2005-2011 Vice President, International Union of Microbiological Societies
2005-2006 Chair, Division G (Biological Sciences) American Association Advancement Science
2004-2006 Vice President, Tulane Chapter American Association University Professors
2003-2005 Director, Environmental Studies, Tulane University
2001-2002 President, Society for Industrial Microbiology
1994-2000 Co-Director, Environmental Studies, Tulane University
1994-1997 Secretary, Tulane Chapter of the American Association of University Professors
1991-1992 President, American Society for Microbiology
1989-1992 Council Policy Committee, American Society for Microbiology
1989-1991 Chairman, *ad hoc* committee on Biotechnology, American Society for Microbiology
1988-1989 Vice President, British Mycological Society
1986-1989 Chairman, Tulane University Committee on Biotechnology
1987-1988 Chairman, Second Conference on Biotechnology, American Society for Microbiology
1986-1989 Chairman, Biotechnology Steering Committee, American Society for Microbiology
1986-1987 President, Tulane Chapter of Sigma Xi
1985-1986 Chairman, American Society for Microbiology Fermentation and Biotechnology Division O
1985-1986 Chairman, Committee on Graduate Studies, Department of Biology
1981-1982 Chairman, Tulane University Sub-Committee on Use of Human Subjects

Sabbaticals:

Cook College, Rutgers University, New Brunswick, NJ (Spring 2006)
Visiting Professor, Department of Plant Biology and Pathology (with James White)

Robert Wood Johnson Medical School, Piscataway, NJ (1998-1999)
Visiting Professor, Department of Pharmacology (with N. Ronald Morris)

Leiden University, Leiden, The Netherlands (1991-1992)
Visiting Scientist, Department of Plant Molecular Biology (with E. J. Lugtenberg**)**

Awards and Honors:

2017	Tai Fung-Lan Award for International Cooperation of the Mycological Society of China
2015	Waksman Outstanding Teaching Award, Society for Industrial Microbiology and Biotechnology
2014	Start Mudd Award, International Union of Applied Microbiology
2011	Soroptimist Ruby Award: For Women Helping Women, Soroptimist International Club of Westfield New Jersey
2010	Honorary Professor, Yunnan University, Kunming, China
2007	Honorary Professor, Institute of Microbiology, Chinese Academy of Sciences, Beijing
2006	Alice Evans Award, American Society for Microbiology
	Outstanding Faculty Fellow, Newcomb College
2005	National Academy of Sciences (USA)
	Honorary Doctor of Science, Bethany College
	Charles Porter Award, Society for Industrial Microbiology
2003	Special Award, Tulane Honors Program, April 2003 (for having supervised more honors theses than any other professor at Tulane University).
2001	Carski Teaching Award, American Society for Microbiology
1998	MDS Panlabs Lecturer, Society for Industrial Microbiology
1996	Fellow, Society for Industrial Microbiology
1994	Honorary Member, Czech Society for Microbiology
1992	Fellow, American Association for the Advancement of Science
1991	Fellow, American Society for Microbiology
1991	Honors Professor of the Year, Tulane University
1990	Honorary Doctor of Literature, Upsala College
1988, 2000	Divisional Lecturer, American Society for Microbiology
1985	Carleton College Distinguished Women Lecturer
1981	Foundation Lecturer, American Society for Microbiology
1980	Certificate of Award, Greater New Orleans Association for Retarded Citizens
1978	Becton-Dickinson Lecturer, American Society for Microbiology
1975	Newcomb College Mortarboard Award for Excellence in Teaching

Editorial Activities:

Editorial Boards and Editorships:

2012-	Microbiology Spectrum
2009-present	Senior editor, *Mycology, An International Journal of Fungal Biology*
2000-2005	Editor-in-chief, *Mycologia*
1999-2000	Associate Editor, *Mycologia*
1999-2006	Series-Editor, Mycology Series, Taylor & Francis (formerly, Marcel Dekker)
1999-2004	Co-Editor-in-Chief, *Advances in Applied Microbiology*
1998-2004	Co-Editor-in-Chief, *The Mycota, An Encyclopedia of Fungi* (Springer-Verlag)

1997-1998 Mycology editor, *Macmillan Encyclopedia of Life Sciences*
1997-2000 *Biotechnology Letters*
1996-2000 *Annual Review of Microbiology*
1992-2000 *International Biodegradation and Biodeterioration*
1991-1994 *Mycological Research* (Associate Editor)
1985-1993 *Applied Microbiology and Biotechnology*
1984-1994 *Mycopathologia* (Mycotoxin Editor, 1985-1990)
1985-1989 *Journal of Industrial Microbiology*
1978-1985 *Applied and Environmental Microbiology*

Occasional reviewer:

American Journal of Botany, Bio/Technology, Canadian Journal of Microbiology, Current Microbiology, European Journal of Applied Microbiology, Experimental Mycology/Fungal Genetics & Biology, Gene, Journal of General Microbiology, Infection and Immunity, Mental Retardation, Proceedings National Academy of Science (USA), *Science, Signs*

Chapter and book prospectus reviews:

Academic Press, American Society for Microbiology, Benjamin/Cummings, Cambridge University Press, Freeman Publishers, McGraw-Hill, Oxford University Press, Springer, Williams and Wilkins, Yale University Press

***Grant Reviews*:**

Agricultural Research Service, International Science Foundation, Israel Science Foundation, Louisiana Board of Regents, National Science Foundation, National Institutes of Health, Research Corporation

Consulting:

Enzyme Technical Association, Louisiana Power & Light, Novo-Nordisk, Genencor, DSM Gist-brocades, Merck & Co., Inc., Millennium Corp, Novopharm, various law firms

Other Professional Activities:

2014-2015 Temporary Nominating Group, Division VI, National Academy of Science
2012-present The National Academies Committee on Women in Science, Engineering and Medicine, National Research Council
2011 Member, Peer Review Assessment Committee for Biology in The Netherlands, Bureau of Quality Assurance of Netherlands Universities
2010-2013 Class Membership Committee, National Academy of Sciences
2010-2011 Committee on "Mycoherbicides for eradicating illicit drug crops," National Research Council
2005 Invited participant, "Strengthening the scientific and technical responses to Hurricane Katrina, a meeting of experts," (National Academy Sciences)
2004-2013 Member, Genetics of Industrial Microorganisms Steering Committee
2004-2011 Member, *Aspergillus flavus* genome steering committee
2002-2005 Member, *Aspergillus fumigatus* genome steering committee.

2003-2012 Archivist, Society for Industrial Microbiology
2001-2006 Chair, Archives Committee, American Society for Microbiology
2001-2011 Scientific Advisory Board, Neugenesis, South San Francisco, CA
1994-2005 Scientific Advisory Board, Xechem, New Brunswick, NJ
1993-2006 Adjunct Professor, Department of Ecology and Evolutionary Biology, Tulane University
1993-1995 Scientific Advisory Board, Eco-Science Corporation
1991-1995 Board Member, National Foundation for Infectious Diseases
1990 Leader, People-to-People Biotechnology Delegation, Peoples Republic of China
1989-2006 Fellow, Newcomb College
1988-1989 Board Member, Newcomb Foundation
1986-1989 Board Member, Society of Industrial Microbiology
1982-2006 Adjunct Professor, Department of Pathology, Tulane University School of Medicine
1979-1985 Consultant on Bioethics, Lutheran Church in America
1972-2005 Collaborator, Southern Regional Research Laboratory, New Orleans, Louisiana
1972-1979 University of Chicago Alumni Cabinet

Recent grant support:

Project SUPER scholars at Rutgers University*. NSF (Bennett, J. W, PI. with J. White and R. Riccioni, co PIs) $599,706. 2008-2012.

RU-STEPPED UP for Success NSF (Scott, K. PI and J. W. Bennett and M. Logue, co-PIs) $1,999,978. 2009-2012.

RU-FAIR- Rutgers University for Faculty Advancement and Institutional Re-Imagination. NSF (Bennett, J. W., PI with H, Buettner, W. Shurleff and P. Yaegle co PIs). $3,702,117. 2009-2013.

*New Jersey Partnership for Excellence in Middle School Mathematics***,"** NSF-MSP Teacher Institutes, (Amy Cohen, PI, with Michael Beal, J. W. Bennett, J. Coleman and C. A. Maher, co-PIs), $5,000,000. 2009-2014

Teaching (Tulane University):

Undergraduate courses:
Genetics; Heredity and Society; Bioethics; Biology of Human Reproduction (formerly: Biology of Women); Biology and Literature, General Biology.

Graduate courses:
Bioethics (formerly Biology and Ethics); Molecular Cytogenetics (formerly: The Eukaryotic Chromosome); Molecular Genetics.

Undergraduate honors theses supervised: 98

Graduate Committee Membership:
Committee member, M.S.; M. Dunn, 1975; J. F. Wright, 1975; W. Spitzer, 1980.
Committee member, Ph.D.;(G. Land, 1973; T. Davis, 1976; J. Panzer, 1976; C. Rossy-Valderama, 1978; P. Rosenbaum, 1982; S. Van Way, 1994; H. Ma, 1994; Sandra Haddad and Weiqiang Zhao, 1998.

Masters Students Supervised:

John Floyd (1982), Daniel Wheeler (1983), Linda Keller (1984), Irene Kelley (1985), Amy Henderberg (1986), Michelle Bell (1988), Toby Feibelman (1990), Kenneth Wunch (1991), Ashley Langford (1995).

Ph.D. Students Supervised:
Brenda L. Bordson, 1982, "Heteromorphism and aneuploidy in humans."
Cathy M. Tuck, 1983, "Human satellite associations and heterochromatin."
Martha Pedersen, 1986, "Genetic aspects of human malignant melanoma."
Paula E. Gregory, 1990, "The effects of 8-azacytidine on X inactivation and DNA methylation."
Kale, Shubhangi, 1991, "Strain degeneration in *Aspergillus parasiticus*: A model system for variation in secondary metabolite producing filamentous fungi."
Michelle Bell, 1994, "The role of membrane character in human sperm function".
Toby Feibelman, 1995, "A morphological and molecular study of the *Cantharellaceae* of the Gulf Coast".
Kenneth Wunch, 1996, "Biodegradation of benzo[a]pyrene by *Marasmiellus troyanus* for bioremediation".

Teaching (Rutgers University):

Undergraduate courses taught:

Edible & Poisonous Fungi (with J. White & G. Varney); Malevolent & Magnificent Microbes (Byrne seminar with D. Eveleigh); Is the doctor in? (Byrne seminar); Fungi in the Environment and Colloquium: Fungi: Ecology and Ecosystem Processes (with J. White & J. Dighton); Biology of Women (Byrne seminar); Fungi and Human Health

Graduate courses taught:
Advanced Mycology (with J. White and N. Zhang);

Graduate Students supervised:
David Pu (M.S. 2012)
Richard Hung (Ph.D. 2014)
Samantha Lee (PhD 2015)

Kayla Pennerman, Hadeel El-Malaki, Shannon Morath, Victoria Kern (current PhD students)

PhD Committee Membership:

Brittany Graf, Joanne Crouch;

International Ph.D Committee Membership:
M. S. Jeenah, 1984, University of Natal, Pietermaritzburg, South Africa.
M. Hiltunen, 1991, Uppsala University, Uppsala, Sweden.
M. McLean, 1994, University of Natal, Durban, South Africa.
H. Y. Kiong, 1994, National University of Singapore, Singapore.
S. M. Summerer, 1995, University of Calgary, Alberta, Canada.
M. Gengin, 1999, University of Natal, Durban South Africa.
D. Pillay, 2001, University of Natal, Durban, South Africa.
A. M. Tanksale, 2001, University of Pune, Pune, India.

Carmien Tolmie, 2014. Univ. of Free State, South Africa

Committee Service (Tulane University):

Student Faculty Welfare (1973-1975); Honor Board Representative, (1975).
Acting Premedical Adviser, Newcomb College (1973-1974).
Alumnae-Faculty Council (1974-1976).
Senate Committee on Financial Aid (1974-1975).
Women's Center Committee (1975-1979; 1983-1986).
Faculty Focus (1975).
Budget Review Committee Newcomb Representative, (1975-1978).
Committee on the Future of Newcomb College (1976;1979-1980).
Ad Hoc Committee on the Joint B.S.-B.A.-M.D. Program (1977-1978).
Committee on the Use of Human Subjects in Research (1978-1982).
Advanced Standing Committee (1979-1980).
Ad Hoc Committee on Teaching (1980-1981).
Project Talent (1980-1982).
Seminar Chairman, Department of Biology (1980-1981).
Senate Subcommittee on Affirmation Action (1982-1983).
Committee for the Chair of Judeo-Christian Studies (1982-1986).
Newcomb College Committee on Promotions and Tenure (1983-1987).
Ad Hoc Committee on Health, Student Planning and Early Premedical Acceptance (1983-1990).
Sigma Xi Executive Committee (1984-1987), President (1986-1987).
Hackney Teaching Award Committee (1984, 1985, 1988).
COR Subcommittee on Summer Fellowships (1985).
Advisor to the Junior Class, Newcomb College (1985-1987).
Ad Hoc Committee on Promotion & Tenure (1986).
Ad Hoc Committee on Future Collegiate Education (1987).
Graduate Curriculum Committee (1988-1990).
Committee on Newcomb College (1988-1990).
Committee on Committees (1988-1989).
Advisor to Mortar Board, Newcomb College (1988-1989).
Board Member, Newcomb Foundation (1988-1989).
Advisor to Women in Science (1989-1990, 1992-1995).
Committee on Paul Tulane College (1994-1997).
Committee on Graduate Studies (1994-1997) (Department of Cell and Molecular Biology).
Educational Policy Committee (1995-1996).
Senate Committee on Budget Review (1990-1991, 1992-1993. 2000-2002).
LAS Committee on Promotions and Tenure (1993-1994; 1999-2001; 2004-2005)
Environmental Studies Committee (1991-2006; Co-director and Director, 1992-2005)
Curriculum Committee, Department of Cell and Molecular Biology (2000-present)
Women's Studies Committee (2001-2005)
Committee on Visual Culture (2002-2005)
Health Professions Committee (2002-2004)
Committee on Newcomb College (2003-2005)

Committee and Affiliate Membership (Rutgers University):

SEBS Planning Committee (2011-2013)
Search Committee for Dean of School of Engineering (2009)
Institute for Women's Leadership (2008-present)
Task Force on Criteria for Establishing Residential Colleges (2006).
Search Committee for Assistant Dean (Director) for the Douglass Project (2006).
New Brunswick Dean's Council (2006-2013).
President's Administrative Council (2006-2013).
Committee on Honorary Degrees (2006-2008).
Capital Campaign Priorities Executive Committee (co-chair of Campaign Priorities Subcommittee A with Dan Hart) (2007).
Ad Hoc Committee on selection of freshman seminars (2007-2008).
Academic Oversight Committee for Intercollegiate Athletics (AAOC) (2007-present)
Faculty Advisory Committee for the Department of Plant Biology and Pathology, School Environmental and Biological Sciences (SEBS) (2007-2014).

Edited Books:

Genetics and Exceptional Children, Ed. (with K. I. Abroms), Jossey Bass, San Francisco, CA, 1981.

Secondary Metabolism and Differentiation in Fungi, Ed. (with A. Ciegler), Marcel Dekker, Inc., NY, 1983.

Gene Manipulations in Fungi, Ed. (with L. Lasure), Academic Press, Orlando, FL, 1985.

More Gene Manipulations in Fungi, Ed. (with L. Lasure), Academic Press, San Diego, CA, 1991.

Applied Molecular Genetics of Fungi, Ed. (with J. F. Peberdy, C. E. Caten, and J. E. Ogden), Cambridge Univ. Press, Cambridge, 1991.

Aspergillus: Biology and Industrial Applications, Ed. (with M. A. Klich), Butterworths, Stoneham, MA, 1992.

Patent:

Bennett, J. W., A. M. Childress, K. G. Wunch, and W. J. Connick. Fungal compositions for bioremediation. March 30, 2001, U.S Patent No; 6,204,049.

Published Papers and Chapters:

Wennstrom, Joan and Garber, E. D. 1965. The genus *Collinsia* XXVII. Separation of esterases and acid phosphatases in extracts from twelve species and one interspecific hybrid by starch gel zone electrophoresis. *Botanical Gazette* 126: 223-225.

Bennett, Joan W. and Garber, E. D. 1970. Separation of endopolygalacturonases in fungal and bacterial culture filtrates by preparative acrylamide gel electrophoresis. *Phytopathogie Zeitschrift* 68: 164-170.

Lee, Louise S., Bennett, Joan W., Goldblatt, L. A. and Lundin, R. E. 1971. Norsolorinic acid from a mutant strain of *Aspergillus parasiticus*. *Journal of the American Oil Chemists Society* 48: 93-94.

Bennett, Joan W., Lee, Louise S. and Vinnett, Carolyn. 1971. The correlation of aflatoxin and norsolorinic acid production. *Journal of the American Oil Chemists Society* 48: 368-370.

Mayne, Ruth Y., Bennett, Joan W. and Tallant, J. 1971. Instability of an aflatoxin-producing strain of *Aspergillus parasiticus*. *Mycologia* 53: 644-648.

Welden, Arthur and Bennett, Joan W. 1973. The cultural characteristics and mating type behavior in *Podoscypha multizonata* and *P. ravenelia*. *Mycologia* 65: 203-207.

Bennett, Joan W. and Goldblatt, L. A. 1973. The isolation of mutants of *Aspergillus flavus* and *A. parasiticus* with altered aflatoxin producing ability. *Sabouraudia* 11: 235-241.

Lee, L. S., Bennett, J. W., Cucullu, A. F. and Stanley, J. B. 1975. Synthesis of versicolorin A by a mutant strain of *Aspergillus parasiticus* deficient in aflatoxin production. *Journal of Agricultural and Food Chemistry* 23: 1132-1134.

Bennett, J. W. 1976. Diana Weysham Ward v. Director of the Bureau of Vital Statistics, Louisiana State Health Department. *Perspectives in Biology and Medicine* 19: 582-592.
(Winner Honorable Mention first *Perspectives* writing award for young authors; reprinted in *Medicine on the Midway* 31: 913, 1976).

Lee, L. S., Bennett, J. W., Cucullu, A. F. and Ory, R. L. 1976. Biosynthesis of aflatoxin B_1. Conversion of versicolorin A to aflatoxin B_1 by *Aspergillus parasiticus*. *Journal of Agricultural and Food Chemistry* 24: 116-770.

Bennett, J. W., Lee, L. S. and Cucullu, A. F. 1976. Effect of dichlorvos on aflatoxin and versicolorin A production in *Aspergillus parasiticus. Botanical Gazette* 137: 318-324.

Gussach, K. Bennett, J. W., Cavalier, S. and Yatsu, L. 1977. Evidence for the parasexual cycle in a strain of *Aspergillus flavus* containing virus-like particles. *Mycopathologia* 61:915-916

Sevely, Lowndes, J. and Bennett, J. W. 1978. Concerning female ejaculation and the female prostate. *Journal of Sex Research* 14: 120-126.

Hsieh, D. P. Singh, H., R., Yao, R. C. and Bennett, J. W. 1978. Anthraquinones in the biosynthesis of sterigmatocystin by *Aspergillus versicolor*. *Applied and Environmental Microbiology* 35: 980-982.

Bennett, J. W., Fernholz, F. A. and Lee, L. S. 1978. Effect of light on aflatoxins, anthraquinones and sclerotia in *Aspergillus flavus* and *A. parasiticus*. *Mycologia* 70: 104-116.

Bennett, J. W., Horowitz, P. C. and Lee, L. S. 1979. Production of sclerotia by aflatoxigenic and nonaflatoxigenic strains of *Aspergillus flavus* and *A. parasiticus*. *Mycologia* 71: 415-432.

Bennett, J. W. 1979. Aflatoxins and anthraquinones from diploids of *Aspergillus parasiticus*. *Journal of General Microbiology*. 113:127-136.

Lee, L. S., Conkerton, E. J. , Ory, R. L., and Bennett, J. W. 1979. (^{14}C) Aflatoxin B_1 as an indicator of toxin destruction during ammoniation of contaminated peanut meal. *Journal of Agricultural Food Chemistry* 27: 598-602.

Bennett, J. W. and Lee, L. S. 1979. Mycotoxins. Their biosynthesis in fungi: Aflatoxins and other bisfuranoids. *Journal of Food Science* 42: 805-809.

Bennett, J. W., Rubin, P. L, Lee, L. S., and Chen, P. N. 1979. Influence of trace elements and nitrogen sources on versicolorin production by a mutant strain of *Aspergillus parasiticus*. *Mycopathologia* 69: 161-166.

Bennett, J. W. and Abroms, K. I. 1979. Gametogenesis and incidence of Down Syndrome. *Lancet* II: 913.

Bennett, J. W., Vinnett, C., and Goynes, W. 1980. Aspects of parasexual analysis in *Aspergillus parasiticus*. *Canadian Journal of Microbiology*. 26: 706-713.

Bennett, J. W., Lee, L. S., Shoss, S. M., and Bourdeaux, G. H. 1980. Identification of averantin as an aflatoxin B_1 precursor: placement in the biosynthetic pathway. *Applied and Environmental Microbiology* 39: 835-839.

Dunn, J. J., Lee, L. S., and Bennett, J. W. 1980. Dry column chromatographic purification of aflatoxin precursors. *Biotechnology Letters* 2: 17-22.

Ciegler, A. and Bennett, J. W. 1980 Mycotoxins and mycotoxicoses. *Bioscience* 30: 512-515.

Abroms, K. I. and Bennett, J. W. 1980. Current genetic and demographic findings in Down's Syndrome. How are they presented in college textbooks on exceptionality? *Mental Retardation* 18:101-107.

Bennett, J. W., Dunn, J. J., and Goldberg, E. J. 1980. Infant formulas as a substrate for aflatoxin production. *Developments in Industrial Microbiology* 21:379-383.

Bennett, J. W., Dunn, J. J., and Goldsman, C. T. 1981. Influence of white light on production of aflatoxins and anthraquinones in *Aspergillus parasiticus*. *Applied and Environmental Microbiology* 41: 488-491.

Bennett, J. W. 1981. Loss of norsolorinic acid and aflatoxin production by a mutant strain of *Aspergillus parasiticus*. *Journal of General Microbiology* 124: 429-432.

Abroms, K. and Bennett, J. W. 1981. Age dispersion of parents of Down and non-Down Syndrome children. *American Journal of Mental Deficiency* 86: 204-207.

Abroms, K. and Bennett, J. W. 1981. Parental contributions to trisomy 21. Review of recent cytological and statistical findings. *Frontiers of Knowledge in Mental Retardation*, Vol. II (ed. P. Mittler) pp. 149-157.

Abroms, K. I. and Bennett, J. W. 1981. Changing etiological perspectives in Down's Syndrome: implications for early intervention programs. *Journal for the Division of Early Childhood* 2: 109-112.

Bennett, J. W., Silverstein, R. B., and Kruger, S. J. 1981. Isolation and characterization of two nonaflatoxigenic classes of morphological variants of *Aspergillus parasiticus*. *Journal of the American Oil Chemists Society*. 58: 952-955.

Floyd, J. C. and Bennett, J. W. 1981. Preparation of ^{14}C-labeled aflatoxins and incorporation of unlabeled aflatoxins in a blocked versicolorin A accumulating mutant of *Aspergillus parasiticus*. *Journal of the American Oil Chemists Society* 58: 956-959.

Bennett, J. W. 1981. Genetic perspective on polyketides, productivity, parasexuality, protoplasts, and plasmids. *Advances in Biotechnology*. Vol. III. *Fermentation Products*. (eds. C. Vezina, and K. Singh), Pergamon Press, Canada, pp. 409-415.

Bennett, J. W., Wheeler, D. G., and Dunn, J. J. 1981. Genetic analysis of aflatoxin production by *Aspergillus parasiticus. Advances in Biotechnology*. Vol. III. *Fermentation Products.* (eds. C. Vezina and K. Singh). pp. 417-422.

Leong, P. M., Bennett, J. W., and Ceigler, A. 1981. Protoplasts from auxotrophs of *Aspergillus flavus* and *A. parasiticus*. *Developments in Industrial Microbiology* 22: 661-668.

Bennett, J. W. 1982. Genetics of mycotoxin production with emphasis on aflatoxins. In: *Overproduction of Microbial Products* (eds. K. Krumphanzl, B. Sikyta and Z. Vanek) Academic Press, London, pp. 549-561.

Floyd, J. C., Bennett, J. W., Dunn, J. J., and Fine, J. S. 1982. Growth of high aflatoxin B_2 mutants on defined and complex media and with ethoxyquin. *Microbios* 35: 21-30.

Bennett, J. W. 1983. Secondary metabolism as differentiation. *Journal of Food Safety* 5: 1-11.

Bennett, J. W., Kronberg, F. G., Goodman, L. A., and Seltman, M. A. 1983. Isolation of an anthraquinone-accumulating mutant of *Aspergillus parasiticus* and partial characterization by dry column chromatography. *Mycologia* 75: 202-208.

Abroms, K. I. and Bennett, J. W. 1983. Current findings on Down Syndrome children. *Exceptional Children* 49: 449-450.

Bennett, J. W. and Christensen, S. B. 1983. New perspectives on aflatoxin biosynthesis. *Advances in Applied Microbiology* 29: 53-92.

Bordson, B. L. and Bennett, J. W. 1983. Down Syndrome: Presentation in current genetics textbooks. *Journal of Biological Education* 17: 251-256.

Bradshaw, R. E., Bennett, J. W., and Peberdy, J. F. 1983. Parasexual analysis of *Aspergillus parasiticus*. *Journal of General Microbiology* 129: 2117-2123.

Bennett, J. W. 1983. Differentiation and secondary metabolism in mycelial fungi. In *Secondary Metabolism and Differentiation in Fungi* (ed. J. W. Bennett and A. Ciegler), Marcel Dekker, New York, pp. 1-32.

Tuck, C. M., Bennett, J. W., and Varela, M. 1984. Down's Syndrome and familial aneuploidy. In *Perspectives and Progress in Mental Retardation. II. Biomedical Aspects* (ed. J. M. Berg), pp. 167-180.

Tuck-Muller, C. M., Bordson, B. L., Bennett, J. W., and Varela, M. 1984. NOR associations with heterochromatin. *Cytogenetics and Cellular Genetics* 38:165-170.

Bennett, J. W. 1985. Protoplasts and secondary metabolism. In: *Fungal Protoplasts: Their Uses in Physiology, Biochemistry and Genetics* (eds. J. F. Peberdy and L. Ferenczy), pp. 198-203.

Bennett, J. W. 1985. Taxonomy of the fungi and biology of the Aspergilli. In: *Biology of Industrial Microorganisms* (eds. A. L. Demain and N. Solomon), AddisonWesley, pp. 359-406.

Bennett, J. W., Kofsky, S., Bulbin, A., and Dutton, M. 1985. Comparison of two defined media for inhibitor and incorporation studies of aflatoxin biosynthesis. *Developments in Industrial Microbiology* 26: 749-486.

Dutton, J. F., Ehrlich, K., and Bennett, J. W. 1985. Biosynthetic relationship among aflatoxins B_1, B_2, M_1, and M_2. *Applied and Environmental Microbiology* 49: 1392-1395.

Burger, S. R. and Bennett, J. W. 1985. Droplet enrichment factors of pigmented and nonpigmented *Serratia marcescens*: possible selective function for prodigiosin. *Applied and Environmental Microbiology* 50: 487-490.

Bennett, J. W. 1985. Mutants and mycotoxins: aflatoxins as a model system. In*: Trichothecenes and Other Mycotoxins* (ed. J. Lacey), John Wiley & Sons, Chichester, pp. 271-280.

Bennett, J. W. 1985. Molds, manufacturing and molecular genetics. In*: Molecular Genetics of Filamentous Fungi* (ed. W. Timberlake) Alan R. Liss, New York, pp. 34-566.

Pedersen, M., N., Bennett, J. W., and Wang, N. 1986. Nonrandom chromosomal structural aberrations and oncogene loci in human malignant melanoma. *Cancer Genetics and Cytogenetics* 20: 11-27.

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Bennett, J. W., Burke, T. W. and Reismann, H. A. 1974. Isolation of some selected morphological mutants of *Aspergillus flavus* with attenuated aflatoxigenicity. *Proceedings of the Louisiana Academy of Sciences* 37: 70-74 (Research article)

Coulon, G., J. W. Bennett, and L. S. Lee. 1975. The isolation of pigmented mycelial mutants of Aspergillus *parasiticus*. *Proceedings of the Louisiana Academy of Science* 38:46-51 (Research article)

Bennett, J. W. 1975. An attempt to cross two species of toxin-producing fungi. *American Philosophical Society Yearbook*. p. 313-314 (Annual report)

Horowitz, P. C., Cohen, J. C. and Bennett, J. W. 1977. Acetate as a carbon source for aflatoxigenic and nonaflatoxigenic Aspergilli. *Proceedings of the Louisiana Academy of Sciences* 60:70-76 (Research article)

Bennett, J. W. 1978. Review of *Mycotoxic Fungi, Mycotoxins, Mycotoxicoses. An Encyclopedia Handbook, Vols. I and II*. (ed. T. D. Wyllie and Morehouse), *Journal of the American Oil Chemists Society* 55: 864A-866A (Book review)

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Scott, G. R., Marascalco, B. A., and Bennett, J. W. 1979. Parasexual analysis of aflatoxin and anthraquinone production in *Aspergillus parasiticus*. *Bios* 50: 77-89 (Research article)

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Abroms, K. I. and Bennett, J. W. 1979. Parental age and trisomy 21. *Down's Syndrome, Papers and Abstracts for Professionals* 2: 67 (Review article)

Bennett, J. W. and Abroms, K. I. 1979. Changing perspectives on Down's Syndrome. *The Journal of the Louisiana State Medical Society* 131: 305-307 (Review article)

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Horn, B. K., Bennett, J. W., and Leicht, M. U. 1981. Growth and pigmentation of a xanthomegnin-producing strain of *Penicillium viridicatum* in liquid culture. *Proceedings of the Louisiana Academy of Science* 63: 146-152 (Research article)

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Bennett, J. W. 1986. Review of *Penicillin: Meeting the Challenge* by G. L. Hobby, Yale University Press, *Trends in Biochemical Sciences* 12: 82-83, (Book review)

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Bennett, J. W. 1988. Preface to: *Takamine: Documents from the Dawn of Industrial Biotechnology*. Miles Laboratories, Elkhart, Indiana

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Bennett, J. W. 1989. Minorities, microbiology, and meritocracy, *Mentor* 1989:9 (Feature article)

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Bennett, J. W. 1992. Review of *Secondary Metabolism of Microorganisms, Plants and Animals* by M. Luckner. *The Quarterly Review of Biology* 67:355-356. (Book review)

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Bennett, J. W. 1995. Aflatoxin. *McGraw Hill Encyclopedia of Science and Technology* (8th Ed.) pp. 163-164 (Definition).

Bennett, J. W. 1995. Review of *Aspergillus: 50 Years On*. (ed. S. D. Martinelli and J. R. Kinghorn). In *Mycopathologia* 130: 185-187. (Book review)

Bennett, J. W. 1996. Forward to: *Genetics in Anethesiology: Syndromes and Science* by Guy L. Weinberg (Butterworth-Heinemann, Boston), pp. *ix-x*

Bennett, J. W. 1996. Martinus Willem Beijerinck: Dutch father of industrial microbiology. *Society for Industrial Microbiology News* 46:69-72 (Feature article)

Bennett, J. W. 1996. Feminism and fungi: career path in fungal genetics. In: *Principles of Microbiology* (R. Atlas, W. Brown, Dubuque). pp. 1148-1151 (Biographical essay)

Bennett, J. W. and A. L. Welden. 1996. Paul A. Lemke. *ASM News* 62:317 (Memorial).

Bayman, P. and J. W. Bennett. 1997. Munitions, mycology, and military security. *Journal of Irreproducible Results* 42:23-24 (Humorous essay)

Bennett, J. W., F. Heller and C. L. Case. 1997. The many definitions of biotechnology. *Society for Industrial Microbiology News* 47:240-242 (Feature article)

Bennett, J. W. 1997. Forty five years of microbiology at Newcomb College and The College of Arts and Sciences at Tulane University (Eds. M. D. Socolofsky and J. Storz) In: *A half century of progress in microbiology, South Central Branch of the American Society for Microbiology* pp. 59-62 (Historical profile)

Aramayo, R. and J. W. Bennett. 1997. The importance of fungal genomics. *ASM News* 63: 176-177 (Feature article)

Bennett, J. W. 1997. Open letter to fungal researchers. Fungal Genetics and Biology 21: 2.

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Bennett, J. W. (1998) Review of *Oxford Dictionary of Biochemistry and Molecular Biology* (eds, A D.Smith, S. P. Datta, G. H. Smith, P. N. Campbell, R. Bentley, H. A. McKenzie). *Society Industrial Microbiology News* 48: 90. (Book review)

Vaccaro, G. and J. W. Bennett. 1999. Norsolorinic acid mutants and aflatoxin research. *Czech Mycology* 51: 89-97 (Review article)

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Bennett, J. W. 2000. Review of *Plant Secondary Metabolism*. (D. S. Seigler). In *The Quarterly Review of Biology* 75: 462-463 (Book review)

Bennett, J. W., and P. Fishburn 2000. In memory of Irving H. LaValle. *Decision Analysis Newsletter*. 19: 3-4. (Memorial)

Bennett, J. W. 2001 Review of *Fungal Morphogenesis* (D. Moore). In *Inoculum* 52:14-15. (Book review)

Bennett, J. W. 2001. *Aspergillus* and koji: history, practice and molecular biology. Society Industrial Biology News 51: 65-71 (Feature) (reprinted 2003 *SIM News* 53: 156-162)

Bennett, J. W. and B. D Faison. 2002. Scientific societies and bioterrorism. *BioScience* 52: 211 (Editorial)

Bennett, J. W. and B. D. Faison. 2002. Scientific societies and the response to bioterrorism. *SIM News* 52: 188-191 (Feature)

Bennett, J. W. 2002. In search of Dr. Jokichi Takamine and the origins of industrial mycology. *Inoculum* 53: 6-9 (Feature)

Bennett, J. W. Genomics for filamentous fungi. *Mycopathologia* 155: 2002. (Short article).

Bennett, J. W. 2003. Riley D. Housewright. *American Society for Microbiology News* 69: 305-306 (Memorial)

Bennett, J. W. and M. Peri. 2003. The Archives of the Society for Industrial Microbiology. *Society for Industrial Microbiology News* (Feature and cover story)

Bennett, J. W. 2003. Harold Rossmoore leaves a joy of knowledge and a love for industrial microbiology. *Society for Industrial Microbiology* News 53: 267-269 (Memorial).

Bennett, J. W. 2004. Review of *The Rainbow Beneath My Feet: A Mushroom Dyer's Field Guide.* (A. R. Bessette and A. E. Bessette) *Inoculum* 55: 47-48 (Book review)

Bennett, J. W. 2004. In memoriam: Dr. Joseph Lien (1919-2003). Society for Industrial Microbiology News 54: 123-125. (Memorial)

Bennett, J. W. 2004. Review of *The Mold in Dr. Florey's Coat: The Story of the Penicillin Miracle* (E. Lax). *Journal of the American Medical Association* 292: 1620-1621. (Book review)

Bennett, J. W. and Y. Yamamoto. 2004. Dr. Jokichi Takamine: Japanese father of American biotechnology – the 150th anniversary of his birth. Pp. 41-45, in *Innovative Roles of Biological Resource Centers*, eds. M. Watanabe, K. Suzuki, and T. Seki, Japan Society for Culture Collections & World Federation for Culture Collections, Tsukuba City, Japan. (Historical article).

Bennett, J. W. and J. Kans. 2007. Edward D. Garber. *Microbe* 2: 312-313 (Memorial)

Bennett, J. W. and J. A. Kans. 2007. Memorial: Edward Garber, 1918-2004. *Mycologia*, 99(6), 958-960 (Memorial)

Bennett, J. W. and D. Bhatnagar. 2007. Eivind B. Lillehoj. *Microbe* 2: 406-407. (Memorial)

Bentley, R. and J. W. Bennett. 2008. Plentisillin and penicillin: An antibiotic spoof and a tragedy. (ASM Blog: Small Things Considered)

Thompson-Johnson, M. and J. W. Bennett. 2009. James M. Jay. *Microbe* 4: 248-249. (Memorial)

Bennett, J. W. 2009. Rutgers promoting women in science, engineering and math. *Diversity Magazine*, July/Aug. 2009: 38-39

Bennett, J. W. 2010. A sixtieth anniversary for SIM. *SIM NEWS* Jan/Feb 2010: 27 (historical note).

Bennett, J. W., Camilli, J., McMullen, A. and Hung. R. 2010. Hurricane Katrina, molds, fungal health effects, and sick building syndrome. *SIM News* Sept/Oct. 2010: 148-154.

Bennett, J. W. 2010. Five years later: remembering Hurricane Katrina. *SIM News* Sept/Oct 2010: 155-158.

Ma, Li-Jun, Joan W. Bennett and Natalie D. Federova. 2011. Fungal biology in the age of genomics. *Mycology* 2: 117 (Editorial)

Sweeley, C. C, and J. W. Bennett. 2011. Ronald Bentley (1922-2011). *The Biochemical Society* Oct. 2011, pg. 50-51 (Memorial)

Bennett, J. W. and Douglas Eveleigh. 2013. Gerhard Haas. (1917-2013). *Microbe* 8: 423-424 (Memorial)

Bennett, J. W. and G. R. Sirgusa. 2013. Dr. Gerhard J. Haas, Industrial scientist and biotechnologist. SIMB News Sept./Oct 2013: 176-178. (Memorial)

McKay, Bonnie J and Joan Bennett. 2014. Elinor Clair Ostrom August 7, 1933-June 12, 2012. http://www.nasonline.org/publications/biographical-memoirs/memoir-pdfs/ostrom-elinor.pdf (Memorial)

Pennerman K. K. , G. Yin, J. W. Bennett. 2015. Health effects of small volatile compounds from East Asian medicinal mushrooms. Mycobiology 43:9-13. doi: 10.5941/myco.2015.43.1.9

Bennett, J. W. and G. G. Moore. 2015. Mycotoxins. Elsevier Reference Module in Biomedical Sciences. http://dx.doi.org/10.1016/B978-0-12-801238-3.02409-0 (Encyclopedia article)

Yu, J., Jurick II, W.M., Cao, H.Y., Yin, Y., Gaskins, V.L., Losada, L., Zafar, N., Kim, M., Bennett, J.W., and Nierman, W. 2014. Draft genome sequence of *Penicillium expansum* R19, which causes postharvest decay of apple fruit. Genome Announcements 2(3):e00635-14. http://dx.doi.org/10.1128/genomeA.00635-14.

Yu, J., Jurick II, W.M., and Bennett, J.W. 2015. Current status of genomics research on mycotoxigenic fungi. International Journal of Plant Biology and Research. 3 (2): 1-6 (Review article)

Yu, J., Wu, G., Jurick, WM Jr., Gaskins V.L,, Yin, Y., Yin, G., Bennett J.W., and Sheltona D. R. 2016. Genome sequence of *Penicillium solitum* RS1, which causes postharvest apple decay Genome Announcements 4(3):e00363-16. doi:10.1128/genomeA.00363-16.

Symposia and Conferences Organized:

"Biogenesis and metabolic regulation," Gordon Conference on Fungal Metabolites, Holderness School, Plymouth, NH, July 1978.

"Mycotoxin fermentations," (with A. Ciegler), VIth International Fermentation Symposium, London, Ontario. July 1980.

"Protoplasts," Society for Industrial Microbiology, Annual Meeting, Richmond, VA, August 1981.

"Secondary metabolism and differentiation," Annual Meeting, American Society for Microbiology, Atlanta, GA, March 1982.

"Comparative biochemistry of secondary metabolism," Annual Meeting, American Society for Microbiology, New Orleans, LA, March 1983.

"Gene manipulations in the exploitation and study of fungi," (with L. Lasure), Conference sponsored by the American Society for Microbiology, South Bend, IN, May 1983.

"Biosynthesis and bioregulation of aflatoxin" (with R. Buchanan), Annual Meeting, American Society for Microbiology, St. Louis, MO, March 1984.

"Gene manipulations in eukaryotes", (with L. Lasure), Annual Meeting, American Society for Microbiology, St. Louis, MO, March 1984.

"Eukaryotic genetic engineering" (with L. Lasure), Society for Industrial Microbiology, Annual Meeting, Fort Collins, CO, August 1984.

"Molecular Mycology (with L. Lasure), Annual Meeting, American Society for Microbiology, Las Vegas, NV, March 1985.

"Genetic aspects of food and fermentation microbiology" (with W. Hill), Annual Meeting, American Society for Microbiology, Las Vegas, NV, March 1985.

"Molecular genetics of industrial fungi", UCLA Symposium on Molecular Genetics of Filamentous Fungi, Keystone, CO, April 1985.

"First Annual ASM Conference on Biotechnology" (with R. Cape), Washington, D. C., March 1986.

"Biotechnology: Fungal biology" (with J. Silver), Annual Meeting, American Society for Microbiology, Washington, D. C. March 1986.

"Mycotoxins", Mycology Symposium (with J. Smith), XIV International Congress of Microbiology, Manchester, England, September 1986.

"Second Annual ASM Conference on Biotechnology" (with J. Davies), San Diego, CA, June 1987.

"Genetics and physiology of secondary metabolism" (with W. Ross), XIV International Botanical Congress, West Berlin, July 1987.

"Regulation of secondary metabolism" (with P. Haggblom) XIV International Botanical Congress, West Berlin, July 1987.

"Molecular biology of fungi" (with L. Lasure) Society for Industrial Microbiology, Baltimore, MD, August 1987.

"Fungal degradation of recalcitrant substrates" (with B. D. Faison), Annual Meeting, American Society for Microbiology, New Orleans, LA May 1989.

"Gene manipulations in fungi" (with L. Lasure), Annual Meeting, Society for Industrial Microbiology, Seattle, WA, August 1989.

"Fungal biotechnology" (with B. D. Faison) Annual Meeting, American Society for Microbiology, Anaheim, CA, May 1990.

"The genome project: James Watson and Nancy Wexler." Annual Meeting, American Society for Microbiology, Dallas, TX, May, 1991. (Presidential Forum)

"Biodegradation of munitions," (with D. Kaplan), General Meeting, American Society for Microbiology, Las Vegas, NV, May 1994.

"Biochemistry and molecular biology of mycotoxin synthesis," International Union of Microbiological Societies, Prague, Czech Republic, July 1994.

"Secondary metabolites," (with L. Lasure), Fifth International Mycological Congress, Vancouver, Canada, August 1994.

“Elie Metchinikoff as microbiologist: a 150th birthday commemoration” (with D. J. Bibel), General Meeting American Society for Microbiology, Washington, DC, May 1995.

“Microbial physiology and gene regulation: Emerging principles and applications.” A Beijerinck Centennial Symposium organized to commemorate 100 years of the Delft School of Microbiology, Den Hague, The Netherlands, Jointly sponsored by the Netherlands Society for Microbiology and the American Society for Microbiology. (Organizing committee) December 1995.

“Molecular mechanisms and fungal metabolites” (with D. Bhatnagar) Society for Industrial Microbiology, Research Triangle Park, NC, August 1996.

Program Chair (with A. Dombrowski) and session on “Molecular biotechnology”, Annual Meeting, Society for Industrial Microbiology. Reno, NV, August 1997.

“Microbes in history and industry” (with King-Thom Chung), Annual Meeting, Society for Industrial Microbiology, Reno, NF, August 1997.

"Genomics and industrial microbiology" American Society for Microbiology. Atlanta, GA, May, 1998.

"Fungal bioremediation" (with S. Bagley) International Biodeterioration Society, Arlington, VA, August 1999.

"Fungal genomics" (with M. Machida) International Botanical Congress, St. Louis, MO, August, 1999.

"Genomics, post-genomics, and biotechnology" American Society for Microbiology, Los Angeles, CA, May 2000.

"Funding fungal genomics" (Roundtable) Third International Symposium on Fungal Genomics, University of Georgia, July 2000.

"New developments in fungal molecular biology" (with R. Aramayo) Genetics and Molecular Biology of Industrial Microorganisms, Bloomington, Indiana, Oct. 2000.

“Microbes that have changed the world for the better” (with J. Lennox), American Society for Microbiology, Salt Lake City, UT, May, 2002.

“Genomes of filamentous fungi,” (with C. D’Enfert), International Union of Microbiological Societies, Congress of Mycology, Paris, France, August, 2002).

“Old and new ways of making sense and making money from microbial metabolism: an international perspective” (with G. Groot), Society for Industrial Microbiology, Philadelphia, PA, Aug. 2002.

"DNA, microbiology and the genetic revolution" (speakers included Joshua Lederberg, Hamilton Smith and Charles Yanofksy). General Meeting of the American Society for Microbiology, May 2003. Washington DC.

"How the Watson Crick model for DNA changed industrial microbiology" Annual Meeting of the Society for Industrial Microbiology, Minneapolis, MN August 2003.

"Infectious disease: the microbiology of misery, metaphor and mayhem." General Meeting of the American Society for Microbiology, May 2004, New Orleans, LA.

"Five Aspergilli disclose their genomes: does the talk match the walk?" (with J. Yu), General Meeting of the American Society for Microbiology, June 2005, Atlanta, GA.

"From postulates to posterity: why Robert Koch is still revered and reviled." General Meeting of the American Society for Microbiology, June 2005, Atlanta, GA.

"Industrial fungi" (with Toru Okuda), International Union of Microbiological Societies, July 2005, San Francisco, CA.

"Frontiers of industrial and environmental applications of fungi," (with Toru Okuda) Joint Mycological Society of America-Mycological Society of Japan meeting, August 2005, Hilo, Hawaii.

"Industrial mycology in the post-genome era" (with Merja Penttila), 24th Fungal Genetics Conference, March 2007, Asilomar, CA.

"From bacterial physiology to cellular genetics: reflections on the 50th anniversary of Schaecter, Maaloe, Kjeldgaard," General Meeting of the American Society for Microbiology, June 2008, Boston, MA.

"Progress in industrial microbiology: the role of SIM in advancing the field" (with John Litchfield), Annual Meeting, Society for Industrial Microbiology, July 2009, Toronto, Canada.

"From SAB to ASM: How bacteriology became microbiology and why it didn't make much difference," Annual Meeting of the American Society for Microbiology, May, 2010, San Diego, CA.

"Transformative moments in the history of microbiology: the contributions of Takamine and Kitasato," (with Jorg Hacker), International Union of Microbiological Societies, September, 2011, Sapporo, Japan.

"Women in industrial microbiology," Society for Industrial Microbiology and Biotechnology, August 2012, Washington DC.

"Fungal volatiles and organic compounds as signaling agents, (with Richard Splivallo). 27th Fungal Genetics Conference, Asilomar, California, March, 2013.

"Early microbe hunters overcoming biases and barriers," (with Marian Johnson-Thompson), Annual Meeting of the American Society for Microbiology, Denver, Colorado, May 2013.

"Fungal genetics and genomics," (with Chengshu Wang), Asian Mycological Congress, Beijing, China, August, 2013.

"Fungal volatiles: critical signals for fungal interactions (with Seogchan Khan). 28th Fungal Genetics Conference, Asilomar California, March 2015.

"Seeking solutions: beyond biases and barriers for underrepresented minority women in microbiology (with Marian Johnson-Thompson), General Meeting of the American Society for Microbiology, June 2015, New Orleans, LA

"Microbiology of built environments," Colloquium Co-chair (with P. Olsiewski and L. Raskin), American Academy for Microbiology, Washington, DC, September 2015

"Sexual harassment in academia, business/industry, and health care professions. A scoping workshop." (with Vivian Pinn), Committee on Women in Science, Engineering and Medicine. Irvine, California, May 2016

"Foundations to frontiers: the molecular revolution," (with Li-Jun Ma), American Society for Microbiology, Microbe, Boston, Massachusetts, June 2016.

"Molecular mechanisms of bioactive fungal natural products and biosynthesis" (with Zhiqiang An), Society for Industrial Microbiology and Biotechnology, New Orleans, Louisiana, July 2016

"Microbial control and food safety," (with Jiujiang Yu)), Society for Industrial Microbiology and Biotechnology, New Orleans, Louisiana, July 2016

Invited Lectures (Tulane University):

"The parasexual cycle," Department of Microbiology, Tulane Medical Center, 1969.

"The use of mutations in aflatoxin research," Department of Biochemistry, Tulane Medical Center, 1970.

"Review of eukaryotic and prokaryotic genetics," "Fungal genetics", Department of Microbiology, Tulane Medical Center, 1974.

"Genetic engineering," Department of Engineering or Tulane Medical Center, Tulane University, 1973, 1974, 1975, 1976.

"Contraception," Department of Psychology or Newcomb College, Housing Services, Tulane University, 1973, 1974, 1975, 1976, 1977, 1978, 1980.

"Ethnic Diseases," Hillel, Tulane University, 1976.

"Racial Designations on Louisiana Birth Certificates," Omicron Delta Kappa, Tulane University, 1976.

"What is a Chaucer?" Faculty Orientation speech, Freshman Orientation, 1977.

"Eugenics and genetic engineering," Hillel, Tulane University, 1978.

"Female sexuality," Student Life, Tulane University, 1976, and Dept. Sociology, 1978.

"Bones," Tulane Spring Orientation, Sample Academic Presentations, 1978.

"Biology and Lifestyles," Panel member. N.S.F. Broadening Horizons, Careers for women in science, Newcomb College, 1978.

"Detecting breast cancer," Kappa Kappa Gamma, Newcomb College, 1979.

"Aflatoxin genetics and biosynthesis," Botany Luncheon Seminar, 1979.

"Biology of women and of people: is anatomy destiny after all? (Moms, mammaries, masculinity and other selected facts of life)," Tulane Education Conference, Tulane Presents, 1980.

"Changing views on Down's Syndrome," Beta Beta Beta, Tulane University, 1980.

"Postponing pregnancy; what are the chances for an exceptional child?" (with K. I. Abroms), Homecoming; Newcomb College Presents, 1980.

"Aflatoxins and their biosynthesis," Department of Microbiology, Tulane Medical School, 1980.

"Misconceptions of the biology of women," Women in Medicine, Tulane Medical School, 1981, 1982, 1983.

"Aflatoxins and biosynthesis," Department of Biochemistry, Tulane Medical School, 1982.

"Father-daughter relationships, a biologist's perspective," Newcomb College, Student Government Association, 1981.

"The hydatidiform mole," Newcomb Women Faculty Luncheons, 1982.

"Postponing pregnancy," Newcomb Downtown Alumnae, 1983.

"Birth: process and metaphor," Mellon Colloquium ("The Creations of Women), 1983.

"Thundering ovaries," Tulane Scholar's Forum 1983.

"Genetics," Tulane Faculty Showcase, Honors Day Program, 1984.

"Molds and mycotoxins," Beta Beta Beta ,Tulane University 1985.

"Industrial fungi," Department of Chemical Engineering, 1985.

"Aflatoxin biosynthesis," Department of Physiology, Tulane Medical School, 1986.

"Mutants and mycotoxins: aflatoxins as a model system," Department of Biology, 1986.

"Biotechnology," Commencement Address, The Graduate School, 1988.

"*Aspergillus parasiticus*: A sexless fungus, a toxic metabolite and a model system," Department of Cell and Molecular Biology, 1993.

“DNA- the pattern of our lives,” Tulane Educational Conference, Tulane Alumni Association, 1995.

"Fungi and feminism," Newcomb College Mortarboard Last Lecture series, 2000.

“Fungal genomics,” Cell and Molecular Biology Retreat, 2004.

“What good is fungal genomics?” Department of Human Genetics, Tulane School of Medicine, 2005.

“What are the origins of modern biotechnology?” Tulane Honors Weekend, April 2005.

Invited Lectures (Local, national, international):

"Some biological aspects of the aflatoxin problem," Department of Biochemistry, L.S.U. Medical Center, New Orleans, LA, 1970.

"Some genetic aspects of the aflatoxin problem," Public Health Service, Food and Drug Administration, New Orleans, LA, 1972.

"Childbearing," New Orleans Public Library, New Orleans, LA, 1976.

"Female Biology," Dominican College, New Orleans, LA, 1977.

"Biology of Women," Temple Sinai, New Orleans, LA, 1978.

"Women in Science," Louisiana Teacher Association, 1976 and New Orleans Chapter, N.O. W., 1978.

"Mycotoxins their biosynthesis in fungi. Aflatoxins and other bisfuranoids," American Society for Microbiology, Annual Meeting, Las Vegas, Nevada, 1978. (Becton-Dickinson Lecturer, Fermentation Division).

"Genetics of aflatoxin biosynthesis," Gordon Conference on Fungal Metabolites, Plymouth, NH, 1978.

"Myths, misconceptions, and realities of female biology," Division of Neuropsychiatry, Walter Reed Army Institute, Washington, DC, 1978.

"Current developments in aflatoxin research," Moffett Technical Center, Corn Products Corporation, Argo, IL, 1978.

"Genetic and biosynthetic aspects of the aflatoxin problem," Fermentation Laboratory, Northern Regional Research Center, Peoria, IL, 1978.

"Mutational approaches to the study of aflatoxin formation," Joint U.S. Japan Panel on Toxic Microorganisms, Southern Regional Research Center, New Orleans, LA, 1978.

"Dangers of genetic engineering," Department of Biology, University of Nebraska Omaha, NB, 1979.

"Genetic approaches to the aflatoxin problem," Department of Plant Pathology, University of Nebraska, Lincoln, NB, 1979.

"Dangers of genetic engineering," Baptist Student Union, Charity Hospital, New Orleans, LA, 1979.

"Biology of women," Southern Regional Research Center, New Orleans, LA, 1979.

"Genetic approaches to aflatoxin research," Waksman Institute of Microbiology, Rutgers University, Piscataway; NJ, 1979.

"Aflatoxin genetics and biosynthesis," Miles Labs., Elkhart, IN, 1979.

"Women in Science (Biology)," Bethany College, Bethany, WV, 1979.

"Some current aspects of aflatoxin research," Eastern Regional Research Center, Philadelphia, PA, 1979.

"Current findings on Down's Syndrome," MENSA, New Orleans, LA, (with K. I. Abroms), 1980.

"Genetic control of aflatoxin biosynthesis," Department of Environmental Toxicology, University of California-Davis, Davis, CA, 1980.

"Down's Syndrome: parenting, genetic, and demographic concepts," (with K. I. Abroms), Childbirth Education Association of New Orleans, LA 1980.

"Aflatoxins and their biosynthesis," Department of Microbiology, L.S.U. School of Medicine, New Orleans, LA, 1980.

"Changing perspectives on Down's Syndrome," "Aflatoxins," "Biology of Women," and "Women in Science (Biology)," St. Olaf College, Northfield, MN, 1980.

"Current research on Down's Syndrome (Mongolism)," with Dr. K. I. Abroms, (Inaugural lecture of Cutting Edge Seminar Series); "Advances in medical cytogenetics and changing perspectives on Down's Syndrome," (with K. I. Abroms), "Myths, misconceptions and realities of female biology," and "Dangers of genetic engineering," Wofford College, Spartanburg, SC, 1980.

"Genetic perspective on polyketides, productivity, parasexuality, protoplasts and plasmids," 6th International Fermentation Symposium, London, Ontario, 1980.

"Aflatoxin biosynthetic pathway: how is it regulated?" Department of Microbiology and the Training Program in Environmental Microbiology, University of Chicago, Chicago, IL, 1980.

"Biology of Women," "Genetic engineering," and "Current research on Down Syndrome," (the latter with K. I. Abroms), MacMurray College, Jacksonville, IL, 1981.

"Aflatoxin biosynthesis: how is it regulated?", Walter A. Pons, Jr. Memorial Symposium on Mycotoxins, American Oil Chemists Society, New Orleans, LA, 1981.

"Genetic engineering," Lenoir Rhyne College, Hickory, NC, 1981.

"Genetics of mycotoxin production with emphasis on aflatoxins," FEMS Symposium on Overproduction of Microbial Products, Hradec, Kralove', Czechoslovakia, 1981.

"Aflatoxins," Food and Drug Administration, New Orleans, LA, 1981.

"Aflatoxin biosynthesis and its genesis in *Aspergillus* species," University of Pittsburgh, Pittsburgh, PA, 1981.

"Those terrible aflatoxins", Western New York Branch, Fredonia State College, Fredonia, NY (Foundation for Microbiology Lecture), 1981.

"Aflatoxins," Sociedad de Microbiologies de Puerto Rico, San Juan, Puerto Rico (Foundation for Microbiology Lecture), 1981.

"Secondary metabolism and differentiation in fungi," Annual Meeting, American Society for Microbiology, Atlanta, GA, 1982.

"Genetics of aflatoxin production," Cotton Processing Clinic, Southern Regional Research Lab, New Orleans, LA, 1982.

"What plant physiologists can teach microbiologists about secondary metabolism," Annual Meeting, American Society for Microbiology, New Orleans, LA, 1983.

"What is microbiology?", Student Day, Annual Meeting, American Society for Microbiology, New Orleans, LA, 1983.

"Changing views on Down Syndrome," and "Everything you always wanted to know about women but were afraid to ask," Mercer University, Macon, GA, 1983.

"Genetics and biosynthesis of the aflatoxins," Gordon Conference on Microbial Degradation, Brewster Academy, Wolfeboro, NH, 1983.

"Mutants and mycotoxins," International Mycotoxin Symposium, Sydney, Australia, 1983.

"Genetics and intermediates in the biosynthesis of aflatoxin," Dept. of Plant Pathology, University of Minnesota, St. Paul, MN, 1983.

"Genetics of aflatoxin production", Miles Laboratories, Elkhart, IN, 1983.

"Genetic and biosynthetic aspects of aflatoxin problem," Department of Microbiology, University of Georgia, Athens, GA. 1984.

"Women and sexuality," Division of Community Education, Mercer University, Macon, GA, 1984.

"The human female: anatomy, destiny, myth and metaphor," Washington College, Chestertown. MD, 1985.

"Molds, mutants, and mycotoxins: aflatoxin as a model system," Merck, Sharp & Dohme Research Labs, Rahway, NJ, 1986.

"Food fungi: the bad and the good," General Foods Corporation Technical Center, Tarrytown, NY, 1986.

"The biology of women: anatomy, destiny, myth, and metaphor," Gulf Coast Chapter of Sigma Xi, NSTL, Mississippi, 1987.

"Aflatoxin: genetics, biosynthesis, evolution," Departments of Toxicology and Biochemistry, Vanderbilt University School of Medicine, Nashville, TN 1987.

"The biosynthesis of mycotoxins in *Aspergillus*," Lilly Research Laboratories, Lilly Corporate Center, Indianapolis, IN, 1987.

“Primary issues in secondary metabolism," Annual Meeting, American Society for Microbiology (Divisional Lecture, Fermentation and Biotechnology Division), Atlanta, GA, 1987.

"Independent higher education at the edge of the 21st century," Inaugural Academic Colloquium, Upsala College, East Orange, NJ, 1987.

"What is biotechnology?", Second Annual ASM Conference on Biotechnology, San Diego, CA, 1987.

"Primary issues in secondary metabolism," XIV International Botanical Congress, W. Berlin, 1987.

"Fungi and the origins of biotechnology," General Electric Corporation Research and Development, Schenectady, NY, 1987.

"Sterigmatocystin and aflatoxin production in *Aspergillus* species," Thirty-first Harden Conference (Microbes under Stress: Metabolic and Developmental Choices), Wye, UK, 1988.

"Biotechnology and bioethics," and "The new genetics and reproductive technology," Lutheran Institute for Religious Studies (Seguine), New Braunfels, TX, 1988.

"New perspectives on aflatoxin biosynthesis," Princeton University, Princeton, NJ, 1989.

"Biohazards, bioethics, and biotechnology," (Keynote Address), Annual Meeting, American Biological Safety Association, New Orleans, LA, 1989.

"Aflatoxins: genetics, biosynthesis and ecology," Department of Biology, Loyola University, New Orleans, LA, 1989.

"Mycotoxins in the environment," and "ASM and Biotechnology," (Banquet Address), Annual Meeting of the Allegheny and Ohio branches of ASM, Pittsburgh, PA 1989.

"History of ASM," Dedication of Headquarters, American Society for Microbiology, Washington DC 1989.

"Back to the future with biotechnology," (Keynote address), Student Day, Annual Meeting American Association for the Advancement of Science, New Orleans, LA 1990.

"Aflatoxins and their biosynthesis," and "Biology of Women," Ohio State University, Women in the Biological Sciences program, Columbus, OH, 1990.

"Pass it on," (Commencement Address), Upsala College, East Orange, NJ, 1990.

"Methods in biotechnology," Puerto Rico Branch of ASM, San Juan, PR, 1990.

"Commencement bingo and other games we play," (Commencement Address), Oregon Graduate Research Center, Portland, OR, 1990.

"Nitrogen control of secondary metabolism," Annual Meeting, Mycological Society of American, Madison, WI, 1990.

"Aflatoxin biosynthesis and genetics," National Institute of Animal Health, Tsukuba, Ibaraki, Japan, 1990.

"Strain instability in aflatoxigenic and nontoxigenic strains of *Aspergillus parasiticus*," Japanese Association Mycotoxicology, Kobe, Japan, 1990.

"Biotechnology: past, present, and future," Kyoto Research Park, Kyoto, Japan, 1990.

"New perspectives on fungal secondary metabolism," International Union of Microbiological Societies Congress, Osaka, Japan, 1990.

"Primary issues in secondary metabolism," Department of Plant Molecular Biology, Leiden University, The Netherlands, 1991.

"Microbiology, mycotoxins, and metaphors," (Presidential Address) Annual Meeting American Society for Microbiology, 1991.

"Mycotoxins in ecological systems," Biotechnology Laboratories, University Kaiserslautern, Germany, 1991.

"Primary issues in secondary metabolism," Hoechst Aktiengeselschaft, Frankfurt, Germany, 1991.

"Toxic fungi: from mycotoxins to molecular biology," Johannes Gutenberg Universitat, Mainz, Germany, 1991.

"From mycotoxins to molecular mycology," Department of Physiological Botany, Uppsala University, Uppsala Sweden, 1992.

"Biotechnology: from food fermentation to molecular microbiology," Hoger Laboratorium Onderwijs, Hogeschool Rotterdam & Omstreken, Delft, The Netherlands, 1992.

"Mycotechnology: mycotoxins, mushrooms and molecular genetics," Department of Life Science, University of Nottingham, Nottingham, England, 1992. (Xenova Lecture).

"From mycotoxins to molecular mycology," Department of Biochemistry and Applied Molecular Biology, University of Manchester Institute of Technology, Manchester, England, 1992.

"Aflatoxins as a model system," Nestec Centre de Recherche, Lausanne, Switzerland, 1992.

"Fungal genetics," Centraalbureau voor Schimmelcultures, Baarn, The Netherlands, 1992.

"Biosynthesis of aflatoxins: physiology and molecular genetics," Department of Microbiology and Enzymology, Technical University Delft, Delft, The Netherlands, 1992.

"The art of definition and the science of microbiology," (Educators Lecture), Annual Meeting American Society for Microbiology, New Orleans, LA., 1992.

"*Aspergillus* and aflatoxin," Department of Microbiology, Biological Center, Haren, Groningen University, The Netherlands, 1992.

"From mycotoxins to molecular mycology", Department of Plant Pathology, University of California, Berkeley, Berkeley, CA, 1992.

"The art of biography and the science of microbiology," Northern California Branch , American Society for Microbiology, 1992.

"Molds and microbial ecology," EcoScience Corporation, Worchester, MA, 1992.

"From mycotoxins to molecular mycology," Department of Biological Sciences, University of Southern Mississippi, Hattiesburg, MS, 1993.

"Back to the future with biotechnology," (Booth Ferris Foundation Lecture), "Biology of Women," and "Molecular mycology," Drew University, Madison, NJ., 1993.

"Biosynthesis of *Aspergillus* toxins" British Mycological Society, University of Kent, Canterbury, England, 1993.

"The molecular biology of aflatoxin biosynthesis," Institute of Microbiology, University of Salamanca, Salamanca, Spain, 1993.

"Primary issues in secondary metabolism," Fermentation Department, Abbott Laboratories, North Chicago, IL. 1993.

Invited facilitator, Molecular medical mycology workshop, University of Minnesota, Minneapolis, MN, 1993.

"Biology of women," Franklin High School Women's Studies Program, New Orleans, LA, 1993.

"Molecular biology of mycotoxin synthesis," International Union of Microbiological Societies, Prague, Czech Republic, 1994.

"From molecular genetics and secondary metabolism to molecular metabolites and secondary genetics," Fifth International Mycological Congress, Vancouver, Canada, 1994.

"A toxic metabolite, a sexless fungus and a model system," University of Louisville, Louisville, KY, 1995.

"A toxic metabolite, a sexless fungus and a model system," Agricultural Biotechnology Center, Rutgers University, New Brunswick, NJ, 1995.

“Mycotechnology: the fungal way of biotransformation,” Gordon Conference on Applied and Environmental Microbiology, New Hampton, NH, 1995.

“Fungi in bioremediation,” International Seminar on Biosorption and Bioremediation, Merin, Czech Republic, 1995.

“Definitions and perceptions,” ASM Roundtable on Collaborative Research, “Secondary metabolites as pretexts for prejudice,” and “Academia,” (placement workshop), American Society of Microbiology, New Orleans, LA, 1995.

“Molds and mycotoxins,” Department of Microbiology, University of Illinois at Chicago, College of Medicine, Chicago, IL, 1996.

“Secondary metabolites as pretexts for prejudice,” Northern California Branch, American Society for Microbiology, San Jose, CA, 1996.

“Martinus Willem Beijerinck: dour genius,” Annual Meeting, American Society for Microbiology, Miami, FL, 1997.

“Jokichi Takamine: Japanese father of American biotechnology,” Annual Meeting, Society for Industrial Microbiology, Reno, NV, 1997.

“Finding and formulating fungi for bioremediation,” Annual Meeting, Society for Industrial Microbiology, Reno, NV, 1997.

“Mycotechnology: the role of fungi in biotechnology,”, 8th European Congress on Biotechnology, Budapest, Hungary, 1997.

“Molds, mushrooms and mycotechnology,” and “Fungal secondary metabolism,” Michigan Technological University, Houghton, MI, 1997

“From molds and mycotoxins to genes and genomes,” Georgia Institute of Technology, Atlanta, GA, 1997.

"The joy of fungi: from molds and mycotoxins to genes and genomes," Annual Meeting, Society for Industrial Microbiology, Denver, CO, 1998 (PanLabs Lecture).

"The joy of fungi," Joint meeting of New Jersey chapter Society for Industrial and Theobald Smith Society, Schering-Plough, Kenilworth, NJ, 1999.

"From molds and mycotoxins to genes and genomes,” Fairleigh Dickinson University, Teaneck, NJ, 1999.

"An introduction to fungal physiology," and "From molds and mycotoxins to genes and genomes," Pfizer, Inc., Groton, CT, 1999.

"The joy of fungi: molds, mycotoxins, genes and genomes," Lehman College, Bronx, NY, 1999.

"Molds, mycotoxins, and molecular mycology,” Center for Biocatalysis and Bioprocessing; and "Feminism and fungi," (Keynote address) Women in Science and Engineering, University. of Iowa, Iowa City, Iowa, 1999.

"One hundred presidents: diversity and unity," Annual Meeting, American Society for Microbiology, Chicago, IL, 1999.

"Microbial genome sequencing: current status and future needs: Ethics" (Roundtable) American Society for Microbiology, Chicago, IL, 1999.

"Fleming's fungus and other microbial superstars," (Division O Lecture) Annual Meeting, American Society for Microbiology, Los Angeles, CA, 2000.

"Small genomes and big questions: politics, money, and ethics in the postgenomic era," Annual Meeting, American Society for Microbiology, Los Angeles, CA, 2000.

"Fungal genome projects: implications in natural product discovery," Annual Meeting, Society for Industrial Microbiology, San Diego, CA, 2000.

"From molds and mycotoxins to genes and genomes," "Women in Science: fungi and feminism,"

Department of Environmental Biology, University of Colorado, Boulder, CO, 2000.

"*Aspergillus* genomics, a view from the trenches," International Symposium on Molecular Biology of Filamentous Fungi – Aspergilli, University of Tokyo, Tokyo, Japan, 2000.

"The joy of fungi," New Jersey Mycological Association, Basking Ridge, New Jersey, 2001.

"My mentors, my muses, and mycology," Carski Award Lecture, American Society for Microbiology, Orlando, FL, 2001

"Genomics for filamentous fungi," 2001. Aflatoxin/Fumonisin Elimination and Fungal Genomics Workshop, Phoenix, AZ, 2001.

"Dr. Jokichi Takamine and his New Orleans wife: Japanese father of American biotechnology" (with A. Arimura), Consul-General of Japan, Tulane University; and Japanese Cultural Fair, New Orleans Museum of Art, 2001.

"Biotechnology and Dr. Jokichi Takamine: a private diplomat between the USA and Japan." Tamagawa University, Tokyo, Japan, 2001.

"Fungal Genomics and modern mycology: annotation and analysis." 16th Symposium Mycological Society of Japan, Kanto Branch, Tokyo, Japan. 2001.

"Jokichi Takamine: Japanese father of American biotechnology," and "An overview of genomics for filamentous fungi," Sankyo Corporation, Tokyo Japan, 2001.

"*Aspergillus* genomics," International Union of Microbiological Societies, Paris, France, Aug. 2002.

"*Aspergillus* genomics" Dept. of Biochemistry and Microbiology, Cook College, Rutgers University, Dec. 2002.

"Fungal roots of modern biotechnology," New Jersey Mycological Society, Somerset County Educational Center, March. 2003.

"Secondary metabolism, " *Aspergillus fumigatus* Genome Steering Committee, TIGR (The Institute for Genomics Research), Rockville, MD, April 2003.

"From protoplasts to genomes," Special Meeting British Mycological Society, Nottingham, England, July 2003

"How did DNA become an icon?" Annual Meeting of the Society for Industrial Microbiology, Minneapolis, MN, August, 2003

"Dr. Jokichi Takamine: Father of American biotechnology," Special meeting on "150 Years of US-Japan relations: Commodore Matthew Perry's Legacy and Its Ties to New Orleans," Port of New Orleans, November 2003.

"A primer on fungi and fungal genomics," National Center for Biotechnology Information, Bethesda, MD, June, 2004.

"Fungal genomics," Workshop on Microbial Resources, Tsukuba City, Japan, Oct. 2004.

"Dr. Jokichi Takamine: Japanese father of American biotechnology – the 150th Anniversary of his birth, Open seminar of the 10th International Congress for Culture Collections, Tsukuba City, Japan, Oct. 2004

"Dr. Jokichi Takamine," Department of Biology, Tamagawa University, Tokyo, Japan, Oct. 2004

"A special fondness for fungi," (Banquet address) XIII Fungal Genetics Conference, Asilomar, Pacific Grove, CA, March 2005.

"*Aspergillus* genomics," Department of Biology, University of New Mexico, Albuquerque, NM, April 2005.

"Genes, gender and generalities," (Commencement Address) Bethany College, Bethany, West Virginia, May 2005.

"The mycology of misery. The story of mycotoxins" (Banquet Address) Mycoglobe (EU-USA Bilateral Workshop on Toxigenic Fungi and Mycotoxins), New Orleans, LA, July 2005.

"How does fungal genomics help industrial mycology?" International Union of Microbiological Sciences, San Francisco, CA July 2005.

"Industrial mycology: from Takamine's diastase to TIGR's database," Mycological Society of American-Mycological Society of Japan Joint Meeting, Hilo, Hawaii, August 2005.

"A sabbatical to remember: The Katrina catastrophe," Farleigh Dickinson University, Rutherford, NJ, Oct. 2005.

"Fungal genomics," Department Biology, Rutgers University Camden, Camden, NJ, Oct. 2005.

"Katrina catastrophe," Bethany College, Bethany, West Virginia, Nov. 2005

"*Aspergillus* genomics," Department of Microbiology, Univ. of Chicago, Chicago, IL Feb. 2006.

"*Aspergillus* genomics," Department Plant Biology and Pathology, Cook College, Rutgers University, March 2006.

"*Aspergillus*: genes to genomes." Department of Plant Pathology, Cornell University, March 2006.

"Do you know what it means to miss New Orleans? A microbiologist's memoir." 63rd Joint Meeting of National Institute of Science and Beta Kappa Chi Scientific Honor Society, Montgomery Alabama, March 2006.

"Molds and mycotoxins: genes and genomes" and "Using microbiology to teach history" ASM Conference for Undergraduate Educators, University of Central Florida, Orlando, Florida May, 2006

"The molds that ate my house: memoirs of a New Orleans microbiologist" Annual Meeting American Society for Microbiology" Orlando, Florida May, 2006

"Molds and mycotoxins: from genes and genomes," Department of Microbiology and Immunology, Dartmouth School, Hanover, NH, June, 2006.

"The molds of Katrina," New Mexico State University, Los Cruces, NM, Sept. 2006

"Fungal genomics," Fairleigh Dickinson University, Teaneck, NJ, October, 2006.

"Paradoxical poisons and terrible toxins: meeting the challenge," 10th International Symposium on Toxic Microorganisms, UJNR Joint Panel (US-Japan), FDA Center for Food Safety and Applied Nutrition, College Park, MD, November, 2006.

"Hurricane Katrina and the molds that ate my house," (Distinguished Lecture Series in the Life Sciences) and "Genomics for Filamentous fungi," Department of Biology, Univ. of Wisconsin-LaCrosse, March, 2007.

"On being Aspergillus-o-centric: from girl geek to fungus freak," (Pontecorvo Lecture), The Fourth Aspergillus meeting, Asilomar, CA, March, 2007.

" 'Don't take this wrong, but you are really good for a girl' and other studies about being a woman in science," Biologics Research and Merck Women's Network. Sept, 2007.

"Doing science with two X chromosomes," New Jersey Center for the Book, Liberty Science Center, Sept. 2007.

"The mold that ate my house (or memoirs of a New Orleans microbiologist)," Southwestern Association of Clinical Microbiology, New Orleans, LA, Sept. 2007.

"A mycologist looks at Hurricane Katrina," Department of Microbiology and Immunology, Albert Einstein College of Medicine, Oct. 2007.

"How can genomics help us understand *Aspergillus* and aspergillosis? 3rd Advances Against Aspergillosis. Miami Beach, Florida, Jan. 2008.

"Doing science with two X chromosomes," P.E. O. State Convention, Woodbridge, NJ April 2008.

"Doing science with two X chromosomes: an overview" Women's Breakfast. Membership meeting, National Academy of Sciences. April 2008.

"Mentor, mentors and mentoring," Special Interest Symposium. Annual Meeting, American Society for Microbiology, Boston, 2008.

"Lessons learned from building a program for women in science, " Fungal Genetics Conference, Asilomar, California, 2009.

"Master of the microscope: Joseph Leidy," Special Interest Symposium. Annual Meeting, American Society for Microbiology, Philadelphia, 2009.

"Fungal genomics: how far we've come," (Keynote) China's Fungal Genome Initiative Symposium, Mycological Society of China, Shanghai, China.

"Microbiology in the 21st Century," (Keynote) International Symposium on Designing the Microbial Commons, National Academy of Sciences, Washington DC. 2009.

"A mycologist looks at Hurricane Katrina and its aftermath," Department of Biology, Fairleigh Dickinson University, Madison, NJ

"'Don't take this wrong, but you are really good for a girl' and other stories about being a woman in science." Distinguished Lecture Series, Fall 2009, Mercer County Community College, Trenton, NJ

"The Katrina catastrophe: Floods, fungi and public health" (Keynote), South Central Branch, American Society for Microbiology, Thibodaux, LA, 2009.

"The molds of Hurricane Katrina," Department of Biology, Seton Hall University, South Orange, NJ

"Mycotoxins, sick buildings, and the molds of Hurricane Katrina," Frontiers in Fungal Biology, Xth International Fungal Biology Conference, Ensenada, Mexico, 2009.

"New Orleans and the molds of Hurricane Katrina," N. J. Mycological Association, 2010.

"Mycogenomics, " (Opening lecture), Pan Fungal Data Resources Strategy Meeting, Burroughs Wellcome Fund, Alexandria, Virginia., 2010.

"Doing science with two X chromosomes," and "From Hurricane Katrina and its moldy aftermath to 'sick building syndrome' and its elusive etiology, " Women in Genome Science, University of Washington, Seattle, 2010

"Doing science with two X chromosomes: floods, fungi and feminism," Department of Plant Pathology, Pennsylvania State University, 2010

"The fungal cell, important definitions and overview of medical mycology," and "Antifungal drugs: activity and resistance," Workshop on Antimicrobial Resistance in Bacteria, Fungi, and Viruses, sponsored by International Union of Microbiological Sciences, National University of Singapore, Singapore, June 2010.

"The molds that ate my house," Central New Jersey Mensa, 2010

"Mold volatile organic compounds and model systems," Key Laboratory of Yunnan Province for Conservation and Utilization of Bioresources, Kunming, China, 2010.

"Women in science," Institute of Microbiology, Chinese Academy of Sciences, Beijing, China, October, 2010.

"Hurricane Katrina and its moldy aftermath to 'sick building syndrome' and its elusive etiology, Environmental and Occupational Health Sciences Institute, Rutgers University, November 2010.

"*Drosophila melanogaster* as a model for studying the toxicity of fungal volatile organic compounds, Pacifichem (International Chemical Congress of Pacific Basin Societies), Honolulu, Hawaii, December 2010.

"Fungi: friends or foes?" Rutgers University chapter of the Botanical Society of America, March, 2011.

"Chromosomal composition and computational competence, " Midsouth Computation Biology and Bioinformatics Society, College Station, Texas, April 2011. (Key note address)

"History of Dutch microbiology" (key note address) and "Is microbiology gendered?"

Centennial meeting of the Dutch microbiology Society (NVvM), Arnhem, The Netherlands, April 2011.

"Lessons learned from starting on office for women in science," Leiden University Medical Center, Leiden, The Netherlands, April 2011.

"Promotion of women in Science," Gender Equality Symposium, National Agricultural and Food Research Organization, National and University of Tsukuba, Tsukuba City, Japan, September 2011.

"Jokichi Takamine: Japanese father of American Biotechnology," Sacred Heart School, Sapporo, Japan.

"Jokichi Takamine and the birth of biotechnology," International Union of Microbiological Societies, Sapporo, Japan, September 2011.

"Promotion of women in science: USA and Japan," Support Office for Female Researcher in Hokkaido University (FResHU) F3 Symposium, Hokkaido University, Sapporo, Japan, September 2011.

"Model systems, genomic resources, and the physiology of fungal volatile organic compounds," Mini Symposium on Advances in Fungal Genomics and Evolution, State Key Laboratory of Mycology, Chinese Academy of Sciences, Beijing, China, October 2011.

"Fungi R Us," Second China's Fungal Genome Initiative Symposium, Kunming, China, October 2011 (Banquet address).

"Model systems and fungal volatile organic compounds," Department of Entomology, University of Maryland, College Park, MD, October 2012

"More than just a funky smell: fungal volatile compounds," Department of Plant Biology and Pathology, Texas A&M University, College Station, Texas, February 2012.

"Girl geeks: pathways, pitfalls and promises," NSF ADVANCE program, Texas A&M University, College Station, Texas, February 2012.

"More than just a funky smell: fungal volatile organic compounds," Department of Biology, Fairleigh Dickinson University, Teaneck, NJ, February 2012

"Smelly fungi: model systems for studying their bioactive volatiles," Department of Plant Biology and Landscape Architecture, University of Maryland, College Park, MD March 2012.

"More than just a funky smell: fungal volatile organic compounds," Department of Biological Sciences, Lehman College, Bronx, NY, April 2012.

"Jokichi Takamine: *Aspergillus oryzae* from farm to pharma," General Meeting of the American Society for Microbiology, San Francisco, CA 2012.

"Hurricane Katrina and its moldy aftermath to "sick building syndrome" and its elusive etiology. BioConference Live, Sept. 2012.

"Natural products: past, present and future," Natural products symposium: from basic discovery to human disease." Health Science Center, Texas A&M, Houston, TX , Oct, 2012. (banquet address).

"Women in Science, Newcomb Institute, Tulane University, New Orleans, LA, Oct. 2012

"Women in science," Keynote speaker, Women's History Month, Bergen County, Department of Human Services, March 2013

"Mycophiles and Mycotoxins: My Perspective," International Aflatoxin in Maize Working Group: Global Solutions for Worldwide Problems, Agricultural Research Service New Orleans, LA. May 2013 (Banquet address)

"More than just a funky smell: fungal volatile organic compounds," and "Doing science with two X chromosomes," National Renewable Energy Laboratory, Golden, Colorado, May 2013

"Fun fungi, mellow mushrooms, and molecular mycophiles," Asian Mycological Congress, Beijing, China, August 2013 (Banquet address)

"The commercial application of fungi and fungal metabolism," First International Forum of Fungal Industry, Dongying, China, August, 2013

"Doing science with two X chromosomes," Hong Kong University of Science and Technology, Hong Kong, China, August 2013

"Fungal volatile organic compounds," Chinese University of Hong Kong, Hong Kong, China, August 2013.

"Science, sex, and success," (Randolf lecture) and "Horrible hurricanes and malodorous molds," University of Idaho, Moscow, Idaho, October 2013

"Science, sex chromosomes, and success," and " Making sense of fungal scents," Syracuse University, Syracuse, New York, October, 2013

"Using genetic models to understand molds volatiles," Pennsylvania State University, University Park, Pennsylvania, October 2013.

"Making sense of fungal scents," Environmental and Molecular Sciences Laboratory Pacific Northwest National Laboratory, Richland, Washington , December, 2013.

"Horrible hurricanes, fetid fungi, and molecular models; Making sense of fungal scents," Department of Plant Biology, Michigan State University, East Lansing, Michigan, January, 2014.

"Toxic fungi, moldy odors, and model systems," Food Research Educational Seminar, University of Wisconsin, Madison, Wisconsin, February, 2014.

"Making sense of fungal scents," Department of Plant Sciences, University of Arizona, Tucson, Arizona, March 2014.

"Molds, Mushrooms, Mycotoxins and Mycophilia" and "Toxic fungi, moldy odors and model systems" Mini-Forum on Fungal Genomics and Food Safety, Ocean University of China, Qingdao, China, May, 2014

"The uses of fungi in biotechnology," School of Forestry, Northeast Forestry University, Harbin, China, June 2014

"Many fungal volatile organic compounds are bioactive" and "Why do fungi smell?: the role of fungal VOCs in inter-organism communication. " Pharmacy College, Heilongjiang University of Chinese Medicine, Harbin, China

"Black clouds, silver linings and fungal volatiles, "2014 International Union of Microbiological Societies, Montreal Canada.

"Black clouds, silver linings and fungal volatiles," Department of Botany and Plant Pathology, Oregon State University, and "Girl geeks: doing science with two X chromosomes," USDA National Forage Seed Projection Research Center, Corvallis, Oregon, November 2014

"More than just a funky smell: the story of fungal volatiles," and "Girl geeks: doing science with two X chromosomes, " Northern New Mexico University, Espanola, NM Feb 2015

"Do fungi have a volatome?" Genome Sciences Division, JGI User meeting, Joint Genome Institute, March, 2015.

"Silver linings: a story of fungal volatile organic compounds and their physiological effects on genetic models," Beltsville Agricultural Research Center, Beltsville, MD April 2015.

"A moldy memoir: how I stopped ignoring the headspace," (Keynote Address), 11th VAAM Conference on Molecular Biology of Fungi, Berlin, Germany, Oct 2015

"The fungi that ate my house," RISE Talks Series, Drew University, Madison, NJ, October, 2015.

"Hurricane Katrina, fungi and feminism: One woman's story" Bay Path University, Longmeadow, MA, Inaugural lecture "Hot Topics in STEM" series, Nov 2015

"Hurricane Katrina, fungi and feminism: One woman's story," Bell Laboratories, Nokia, Murray Hill, NJ, January 2016

"Storm damage, indoor molds contamination and the potential toxicity of fungal volatile organic compounds, " 2016 Hot Topics: The Global Challenges of Mycotoxins Toxicity, Society for Toxicology, New Orleans, Louisiana, March 2016.

"Hurricane Katrina, fungi and feminism: One Woman's Story" Central New Jersey Mensa, Iselin, New Jersey, March 2016.

"Malignant mycotoxins, multitudinous molds and malleable metabolisms," (Banquet address), American Phytopathological Society, Potomac Division, Richmond, Virginia, March 2016.

"A moldy memoir: How I stopped ignoring the headspace," Plant Biology Graduate Program University of Massachusetts, Amherst, Massachusetts, April 2016

"Microbial cultures: geeks, girls and gender in the laboratory and beyond," Society for Industrial Microbiology and Biotechnology, New Orleans, LA, July, 2016

"Moldy odors have physiological consequences," International Meeting of the Federation of Korean Microbiological Societies, KINTEX, Korea, November 2016

"More than just a funky smell: fungal aroma compounds have physiological activities," Department of Biology, Pace University, New York, NY, November 2016.

"The fungi that ate my house," New Jersey MIT Alumni Group, Warren, NY, November 2016.

"Hurricane Katrina, fungi and feminism: One woman's story," Flexner Dean's Lecture, Vanderbilt University School of Medicine, Nashville, Tennessee, December, 2016.

"More than just a funky smell: filamentous fungi use molecular vapors to communicate," 29th Fungal Genetics Conference, Asilomar, California, March 2017.

"Communication with fungal aroma compounds," Mycological Society of China, Yichang, China (plenary lecture); Hubei University Wuhan, China; Wuhan Biotechnology Institute, Wuhan, China; and Jiangnan University Wuxi, China, August, 2017.

Lectures at Rutgers University:

"Some of us are becoming the men we wanted to marry," ACE Network, Oct. 2006

"A mycologist looks at Katrina," Ecology and Evolution Graduate Program, Oct. 2006

"A mycologist looks at Katrina," Occupational Medicine Residents' Seminar, UMDNJ-School of Public Health, Jan. 2007

"Thundering ovaries: myth and metaphor in the biology of women," Institute for Women's Leadership, Jan. 2007

"A historical perspective of microbiology at Rutgers," A mini symposium on microbiology at Rutgers University, Jan. 2007

"Secondary metabolites from antibiotics to zootoxins," Department of Plant Biology and Pathology, May, 2007.

"*Aspergillus* genomics: search for the Holy Grail," Microbiology Mini Symposium, Jan. 2008.

"The elusive etiology of building related illness: the challenges of verifying the mold exposure hypothesis," Grand Rounds Seminar, EOHSI, November 2012.

"From fungus freak to insect geek: the story of fungal volatile compounds," Department of Entomology, Rutgers University March, 2013

"Making sense of fungal scents," Department of Chemical Biology, Ernest Mario School of Pharmacy, Rutgers University, January, 2014.

Panel on women, Hillel 2013 and 2014.

“Hurricane Katrina,” Health Impact Assessment Project, Bloustein School, October 2014

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