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- **Education:**

1980: Ph.D., University of Massachusetts at Amherst
NIMH pre-doctoral trainee
Major field of study: Behavioral Neuroscience
Dissertation: "Cytoplasmic progesterin binding in adipose tissues, and the effects of progesterins on food intake, adiposity, and lipoprotein lipase activity"

1978: M.S., University of Massachusetts at Amherst
Research Associate and Teaching Assistant
Major field of study: Behavioral Neuroscience
Thesis: "*In vivo* and *in vitro* uptake of [³H]-estradiol in brain and pituitary of the female Mongolian gerbil, *Meriones unguiculatus*"

1974: B.A. (With Distinction and Honors in Psychology), Simmons College
Major field of study: Psychology

- **Employment**

Academic Appointments (all at Vassar College)

1996-present: Professor, Department of Psychology and Participant, Programs in Neuroscience & Behavior, Women's Studies, and Science, Technology, & Society (STS)
1990-96: Associate Professor, Department of Psychology and Participant, Programs in Biopsychology and Women's Studies
1983-90: Assistant Professor, Department of Psychology and Participant, Programs in Biopsychology and Women's Studies
1982: Visiting Assistant Professor, Department of Biology
1980-82: NIH Postdoctoral Fellow and Adjunct Assistant Professor, Department of Biology

Other Employment

1975-76: Research Technician, Department of Medicine, Division of Endocrinology, Beth Israel Hospital/Harvard Medical School, Boston, MA
1974-75: Research Technician, Department of Biochemistry, Tufts University School of Medicine, Boston, MA

- **Administrative positions** (all at Vassar College)

- 2010-2013: Chair, Faculty Policy and Conference Committee
Member, Faculty Compensation Committee
Member, Planning and Priorities Committee
- 2006-present: Director, Program in Science, Technology, and Society (STS)
- 2003-2006: Member Faculty Appointment and Salary Committee, Chair 2005-06
Member, Faculty Compensation Committee, Chair 2005-06
Member, Planning and Priorities Committee
- 1995-2000, 2005: Chair, Department of Psychology
- 1993-1998: Academic Project Director, \$5.7 million Renovations for Psychology
Department Laboratories and associated areas in Blodgett Hall
- 1990-1992: Director, Undergraduate Summer Research Institute
- 1991-1995: Director, Independent Program
- 1992-1994: Director, Biopsychology Program

Service on: Academic Panel, Academic Program Director Search Committee, Committee on Animal Resources and Facilities, Committee on Admissions and Financial Aid, Committee on Committees, Committee on Curricular Policies, Committee to Review the Dean of the Faculty (twice), Dean's Cabinet, Faculty Appointment and Salary Committee, Faculty Athletics Representative, Faculty Compensation Committee, Faculty Conference and Policy Committee, Faculty Salary Committee, Faculty Technology Interest Group, Fellowship Committee, Institutional Animal Care and Use Committee, New Faculty Associates Program, Planning and Priorities, Premedical Advisory Committee, President's Cabinet, Quantitative Analysis Committee, Science Facilities Planning Committee, Sexual Assault Response Team, Sexual Assault and Violence Prevention Program, Task Force on Sexual Assault and Violence Policy, Time Out Grant Selection Committee.

- **Teaching**

- Psychology: Introductory Psychology, Physiological Psychology, Statistics, Research Methods in Physiological Psychology, Behavioral Neuro-endocrinology, Neurodegenerative Diseases, Regulation of Eating, Gender and Psychology
- Neuroscience & Behavior (Biopsychology): Neuroscience & Behavior Senior Seminar; Models and Systems in Neuroscience and Behavior
- Science, Technology and Society (STS) Program: Feminist Approaches to Science and Technology; Bio-politics of Breast Cancer
- Women's Studies: Introduction to Women's Studies, Feminist Approaches to Science and Technology; Bio-politics of Breast Cancer

- **Grants, Fellowships and Honors**

- 2010: Passport Foundation. Phthalate migration from food and beverage containers and an intervention to reduce phthalate consumption in a pilot sample. (With J. Brody, J. Nudelman, J. Rizzo and R. Rudel)
- 2010: Outstanding Neuroscience Laboratory Article Award, *Journal of Undergraduate Neuroscience* (With K. Raley-Susman)
- 2009: Passport Foundation. Bisphenol A (BPA) migration from food and beverage containers and an intervention to reduce BPA consumption in a pilot sample. (With J. Brody, J. Nudelman, J. Rizzo and R. Rudel)

2007: Recipient of Breast Cancer Fund ‘Hero Award’
2000-2001: National Science Foundation, Directorate of Undergraduate Education. Physiological Psychology Research Training Program. (Matching instrumentation grant for renovated physiological psychology laboratory)
1995-1998: National Science Foundation. Renovations for Psychology Department Laboratories in Blodgett Hall. (PI and Project Renovation Coordinator for \$5.7 million dollar project of which NSF supported \$1.3 million)
1990-92: National Science Foundation. Receptor modulation of antiestrogen effects in brain and pituitary of ovariectomized rats.
1986-87: Exxon Educational Foundation. Effects of gender on college classroom participation patterns (With A. Constantinople and R. Cornelius).
1984-87: National Science Foundation. Environmental stress, aggression, corticosterone and metabolism in birds (with M. Ramenofsky).
1984-85: Obesity Core Center, St. Luke-Roosevelt's Hospital, New York. Central vs. peripheral effects of estrogen on food intake and metabolism in adult, ovariectomized rats.
1983-84: Obesity Core Center, St. Luke's-Roosevelt Hospital, New York. Estradiol effects on preadipocyte growth and metabolism.
1980-83: National Institutes of Health Postdoctoral Fellowship. Estrogen effects on food intake and lipid metabolism.
And numerous grants from the Vassar College Research Committee

• **Other Professional Activities**

Reviewer: *Physiology & Behavior; Endocrinology; American Journal of Physiology; Pharmacology, Biochemistry and Behavior; Journal of Nutrition; Life Science; Proceedings of the Society for Experimental Biology & Medicine; Hormones and Behavior; Fertility & Sterility; Current Medicinal Chemistry; Psychology, Health and Medicine; International Journal of Occupational and Environmental Health; Psychology, Health and Medicine; Journal of Clinical Investigation; The Breast; International Journal of Health Geographics;*

Ad hoc Reviewer: National Science Foundation Grants:

Member: American Association for the Advancement of Science; Society for Neuroscience; Society for Behavioral Neuroendocrinology; Association for Women in Science; Collaborative on Health and the Environment

Panel Member: National Science Foundation grants: 1992, 1993, 2014, 2015

Mentor: Poughkeepsie High School Authentic Research Science Program

External department reviewer:

2004: Department of Psychology, University of the South – Sewanee (chair)

2006: Department of Psychology, Bates College

2009: Department of Psychology, Simmons College (chair)

2011: Science in Society Program, Wesleyan University

Tenure external reviewer:

Haverford College, Wheaton College

Breast Cancer Fund National Board of Directors, San Francisco, CA (2006 – present)
Secretary of the Board
Executive Committee
Chair, Science Advisory Committee
Strategic Planning Committee

- **Publications**

Peer-reviewed Monographs/Articles/Book Chapters/CD (* denotes Vassar student co-author)

Ackerman JA, Dodson RE, Engel CL, Gray JM and Rudel RA (2014). Temporal variability of urinary di(2-ethoxyl)phthalate metabolites during a dietary intervention study. *Journal of Exposure Science and Environmental Epidemiology*. 2014 Jan 22. doi: 10.1038/jes.2013.93. [Epub ahead of print]

Brody A.H.*, Chou E.*, Gray JM, Pokyrwka NJ, Raley-Susman KM (2013). Mancozeb-induced behavioral deficits precede structural neural degeneration *Neurotoxicology* 34: 74-81.

Rudel RR, Gray JM, Engel CE, Rawthsthorne TW, Dodson RE, Ackerman JM, Rizzo J, Nudelman JL and Brody J.G (2011). Food packaging and bisphenol A and bis(2-ethylhexyl)phthalate exposure: Findings from a dietary intervention. *Environmental Health Perspectives* 119: 914-920.

Gray J. (2010). *State of the Evidence: The Connection Between Breast Cancer and the Environment*. (6th edition). Breast Cancer Fund: San Francisco.

Raley-Susman KM and Gray JM (2010). Exploration of gerontogenes in the nervous system: A multi-level neurogenomics laboratory module for an intermediate neuroscience and behavior course. *Journal of Undergraduate Neuroscience Education (JUNE)* 8: A108-A115.

Gray J, Evans N, Taylor B, Rizzo J and Walker M (2009)). State of the evidence: The connection between breast cancer and the environment. *International Journal of Occupational and Environmental Health* 15: 43-78.

Nudelman,J, Taylor B, Evans N, Rizzo J, Gray J. and Walker M (2009). Policy and research recommendations emerging from the scientific evidence connecting environmental factors and breast cancer. *International Journal of Occupational and Environmental Health* 15: 79-101.

Gray J (2008) L'état des connaissances: La relation entre l'environnement et le cancer au sein. BCF: San Francisco. (French translation of *State of the Evidence*).

Gray J. (2008). *State of the Evidence: The Connection Between Breast Cancer and the Environment*. Breast Cancer Fund: San Francisco.

- Gray J. and Vassar team: C. Opazo, C. Silverman, J de Leuw*, M. Nadelson*, J. Schifano,* M. Fischthal*, T. Cox*,S., Bodach*, S, Gale*, C. Fasola*, S. Schlanger*, T. Chow*, V. Jones, D. Hourican (2006). Environmental Risks and Breast Cancer CD. Vassar College: Poughkeepsie, NY.
- Heiland D and Gray JM (2000). Women's Studies 241: Feminist Approaches to Science and Technology. IN: Brown, D.G. (ed) *Interactive Learning: Vignettes from America's Most Wired Campuses*. Anker Publishing Company, Inc., Bolton, MA, pp 293-294.
- Gray JM and Raley-Susman KM (1998). Effects of tamoxifen, fluphenazine and estradiol on ATP levels in preoptic area and hypothalamic slices from ovariectomized rats. *Brain Research* 798: 223-231.
- Gray JM, Schrock S* Bishop M* (1993). Estrogens and antiestrogens: Actions and interactions with fluphenazine on food intake and body weight in rats. *American Journal of Physiology* 264, R1214-1218.
- Wade GN, Gray JM, and Blaustein JD (1993). Estrogens and antiestrogens: Effects on eating behavior, metabolism and energy balance. *Oncology* 7, 1-8.
- Wade GN, Blaustein JD, Gray JM, and Meredith J (1993). ICI 182,780: An antiestrogen that affects behaviors and energy balance without acting in the brain. *American Journal of Physiology* 265, R1392-1398.
- Gray JM and Ziemian L* (1992). Antiestrogen binding sites in brain and pituitary of ovariectomized rats. *Brain Research* .578, 55-60.
- Ramenofsky M, Gray JM and Johnson RB* (1992). Behavioral and physiological adjustments of birds living in winter flocks. *Ornis Scandinavia* 23, 371-380.
- Cornelius RR, Gray JM and Constantinople A (1990). Student-faculty interaction in the college classroom. *Journal of Research and Development in Education* 23: 189-197.
- Gray JM, Yarian D* and Ramenofsky M (1990). Corticosterone, foraging behavior and metabolism in Dark-eyed juncos, *Junco hyemalis*. *General and Comparative Endocrinology* 79, 375-384.
- Constantinople A, R Cornelius RR and Gray JM (1989). Comment on Hemmings "Women's colleges and women achievers: An update". *Signs* 14: 726-727.
- Constantinople A, R Cornelius RR and Gray JM (1988). The chilly climate: fact or artifact: An empirical study of gender influences on classroom interaction patterns. *Journal of Higher Education* 59: 527-550.
- Palmer K* and Gray JM (1986). Central vs. peripheral effects of estrogen on food intake and metabolism. *Physiology & Behavior* 37: 187-189.
- Wade GN, Gray JM and Bartness T (1985). Gonadal influences on adiposity. *International Journal of Obesity* 8, Suppl. 1: 83-92.

- Greenwood MRC, Savard R, West DB and Gray JM (1985). The effects of sex steroids and pregnancy on adipose tissue metabolism in rats. In: Metabolic Complications of Human Obesities, J.Vague et al., eds., London: Elsevier Science Publishers.
- Gavin ML*, Gray JM and Johnson PR (1984). Estrogen effects on food intake and Body weight in ovariectomized, partially lipectomized rats. *Physiology & Behavior* 32: 55-59.
- Gray JM and Greenwood MRC (1984). Effect of estrogen on lipoprotein lipase activity and cytoplasmic progesterin binding in Zucker rats. *Proceedings of the Society for Experimental Biology and Medicine* 175: 374-379.
- Gray JM and Greenwood MRC (1983). Uterine and adipose tissue lipoprotein lipase activities in hormone-treated and pregnant rats. *American Journal of Physiology* 245: E132-E137.
- Gray JM and Greenwood MRC (1982). Time course of changes in food intake and lipid metabolism during treatment of ovariectomized rats with ovarian steroids. *American Journal of Physiology* 243 : E407-E412.
- Gray JM, Dudley SD and Wade GN (1981). In vivo cell nuclear binding of 17B-(3H)estradiol in rat adipose tissues. *American Journal of Physiology* 240: E43-E46.
- Gray, JM and Wade GN (1981). Food intake, body weight and adiposity in female rats: Actions and interactions of progestins and antiestrogens. *American Journal of Physiology* 240 : E474-E481.
- Nunez AA, Gray JM and Wade GN (1980). Food intake and adipose tissue lipoprotein lipase activity after hypothalamic estradiol benzoate implants in rats. *Physiology & Behavior* 25: 595-598.
- Lowell BB, Wade GN, Gray JM, Gold RM and PetruLavage J (1980). Adipose tissue lipoprotein lipase activity in rats with obesity-inducing hypothalamic knife cuts. *Physiology & Behavior* 25: 113-116.
- Gray JM and Wade GN (1980). Cytoplasmic estrogen, but not progesterin, binding sites in male rat adipose tissue. *American Journal of Physiology* 239: E237-E241.
- Wade GN and Gray JM (1979). Gonadal effects on food intake and adiposity: A metabolic hypothesis. *Physiology & Behavior* 22: 583-593.
- Gray JM and Wade GN (1979). In vivo and in vitro binding of [3H]-estradiol in brain and pituitary of Mongolian gerbils, *Meriones unguiculatus*. *General and Comparative Endocrinology* 38: 355-359.
- Blaustein JD, Dudley SD, Gray JM, Roy EJ and Wade GN (1979). Long-term

retention of estradiol by brain cell nuclei and female rat sexual behavior. *Brain Research* 173: 355-359.

Gray JM, Nunez AA, Siegel LI and Wade GN (1979). Effects of testosterone on body weight and adipose tissue: Role of aromatization. *Physiology & Behavior* 23: 465-469.

Etzkorn J, Hopkins P, Gray J, Segal J and Ingbar SH (1979). Beta adrenergic potentiation of the increased in vitro accumulation of cycloleucine by rat thymocytes induced by triiodothyronine. *Journal of Clinical Investigation* 63: 1173-1180.

Etzkorn JR, Hopkins P, P Gluckin D, Gray J, Goldfine ID and Ingbar SH (1979). Enhancement by glucocorticoid deficiency in the increase of cycloleucine accumulation induced in rat thymocytes by triiodothyronine. *Journal of Endocrinological Investigation* 3: 441-444.

Wade GN and Gray JM (1978). Cytoplasmic 17B-[3H]estradiol binding in rat adipose tissues. *Endocrinology* 103: 1691-1701.

Gray JM and Wade GN (1978). Cytoplasmic progestin binding in adipose tissues. *Endocrinology* 104: 1377-1382.

Web Projects:

Gray, JM. (2014, 2013). Clear Science: The connection between environmental factors and breast cancer. Updated web version of *State of the Evidence manuscript*. Available at: <http://www.breastcancerfund.org/clear-science/>

Gray, J. , C. Opazo, C. Silverman, J. de Leuw*. Environmental Risks and Breast Cancer: Web-version of CD project. Available at: <http://erbc.vassar.edu/erbc>

Work in progress:

Gray, J. *Asking Too Much, Getting Too Little: The Intersection of science, politics and activism in the Long Island Breast Cancer Study Project*. (Book length project in process.)

Conference Papers, Lectures, Panels (* denotes Vassar student co-author)

Gray, J. (2015). Everyday chemical exposures and breast cancer: What we know, why we should care. Rutgers Cancer Institute, New Brunswick, NJ.

Gray, J. (2014). Everyday chemical exposures and breast cancer: What we know, why we should care. Breast Cancer Options Young Survivors' Workshop. Cornwall, NY.

Gray, J. (2014). Everyday chemical exposures and breast cancer. Lesbian Cancer Project Annual Breast Cancer Workshop. New York City, NY.

Gray, J. (2014). BPA and breast cancer: Moving away from ER α , acknowledging other pathways, and taking a public health perspective. University of Vermont Cancer Center's Annual Breast Cancer Conference, Burlington, VT.

Gray, J. (2014). Environmental links to breast cancer: What we know, why we should care. University of Vermont Cancer Center's Annual Breast Cancer Conference, Burlington, VT.

- Gray, J. (2014) The environment and breast cancer. Annual meeting of Breast Cancer Options. SUNY New Paltz, NY.
- Gray, J., Rasanayagam, S., Engel, C., Coughlin, S., Rizzo, J. (2013). Clear science: Research translation, dissemination and communication. 10th Annual Conference of the Breast Cancer and Environment Research Centers (BCERC), Madison, WI.
- Engel, C., Salter, G.L., Clark, S., Gray, J., Coughlin, S., Rasanayagam, S. (2013). Disrupted development: Prenatal exposures to BPA. 10th Annual Conference of the Breast Cancer and Environment Research Centers (BCERC), Madison, WI.
- Gray, J. (2013). Breast cancer prevention legislation. University of Vermont Cancer Center's Annual Breast Cancer Conference, Burlington, VT.
- Gray, J. (2013). Endocrine disrupting compounds, breast cancer, and a dietary intervention. University of Vermont Cancer Center's Annual Breast Cancer Conference, Burlington, VT.
- Gray, J. (2013). Breast cancer and the environment. Integrative Medicine Grand Rounds Lecture Series, M.D. Anderson Cancer Center, Houston, TX.
- Gray, J. (2013). Cancer and the environment: From science to policy. Friends of Integrative Medicine Public Lecture Series, M.D. Anderson Cancer Center, Houston, TX.
- Engel, C.L., Nudelman, J.N., Gray, J., Rudel, R.A., Rasanayagam, S.R. (2012). A virtual study group to evaluate the science and policy implications of estrogenic activity in consumer products. 9th Annual Conference of the Breast Cancer and Environment Research Centers (BCERC), San Francisco, CA.
- Engel, C.E., Gray, J.M., Rizzo, J. (2011). Bisphenol A: From evidence to action: A case study in breast cancer and environmental exposures. Kaiser Permanente Breast Health Conference, San Francisco, CA.
- Rasanayagam, S., Engel, C., Gray, J., Nudelman, J., Rizzo, J. (2011). Moving towards comprehensive chemical reform policy. 8th Annual Conference of the Breast Cancer and Environment Research Centers (BCERC), Cincinnati, OH.
- Gray, J. (2011). Nutrition, environment and women's health. American Dietetics Association – Food and Nutrition Conference and Expo, San Diego, CA.
- Gray, J., Nudelman, J., Engel, E and Rizzo, J. (2009). Bisphenol A: From public education to political advocacy. 6th Annual Conference of the Breast Cancer and Environment Research Centers (BCERC), Sausalito, CA.
- Gray, J. (2009). Environmental risks and breast cancer. PPNNE Special Conference: A Critical Link: Women and Environmental Health. Burlington, VT.
- Gray, J., Nudelman, J., and Rangan, U. (2009). Bisphenol A: Science and policy implications. Congressional staff briefing. Washington, D.C.
- Gray, J. (2009). Gaining a better understanding: Breast cancer and the environment. Conference workshop. 9th Annual Conference for Young Women Affected by Breast Cancer. Dallas, TX.
- Gray, J., G. Coleman, L. Guillette. (2009). Does environment trump genes? Teasing out factors affecting women's health. 18th Annual Meeting of the Society of Environmental Journalists. Roanoke, VA.
- Gray, J., N. Evans, B. Taylor, J. Rizzo and J. Nudelman. (2008). State of the Evidence: The connection between breast cancer and the environment. 5th Annual Conference of the Breast Cancer and Environment Research Centers (BCERC), Birmingham, AL.
- Gray, J., Brody, J. and Rizzo, J. (2008). Environmental risks and breast cancer. Joint Congressional staff briefing, Washington, D.C.
- Gray, J. (2008). Environmental toxins and breast development. Annual meeting

- of Breast Cancer Options. SUNY New Paltz, NY.
- Gray, J. (2008). Environmental risks and breast cancer. Collaborative on Health and the Environment conference discussion.
- Gray, J. (2007). Workshop on Non-hereditary Factors and Women's Cancers. Commonwealth, Bolinas CA
- Gray, J. (2007). Breast cancer statistics, continued. Collaborative on Health and the Environment conference discussion.
- Gray, J. (2007). Breast cancer statistics. Collaborative on Health and the Environment conference discussion.
- Gray, J. (2006). Environmental risks and breast cancer. Tri-state initiative on Women's Health, Collaborative on Health and the Environment (CHE), New York City.
- Gray, J. (2006). Environmental risks and breast cancer. Annual meeting of Breast Cancer Options. Annandale-on-Hudson, NY.
- Gray, J., C. Opazo, C. Silverman, J de Leuw*, M. Nadelson*, J. Schifano,* M. Fischthal*, T. Cox*, S., Bodach*, S, Gale*, C. Fasola*, V. Jones and D. Davis. (2005). Environmental links to breast cancer: An interactive multimedia art and science resource. Pennsylvania Cancer Control Consortium (PAC3) Research Summit, Harrisburg, PA.
- Gray, J., C. Opazo, C. Silverman and J de Leuw* (2005). Development of a multimedia, educational CD on environmental risks and breast cancer. NIEHS Breast Cancer and Environment Research Centers Workshop, East Lansing, MI
- Gray, J. (2005). The new sisterhood of breast cancer: What we know, what we don't know, where we need to go. American Medical Women's Association annual meeting, Washington D.C
- Gray, J. (2004). Environmental risks and breast cancer. Inaugural lecture series, Center for Environmental Oncology, University of Pittsburgh Cancer Institute.
- Gray, J. (2004.) Environmental risks for breast cancer: An interactive CD. Invited presentation at the Silent Spring Institute, Newton MA
- Gray, J. (2001). Capital Region Action Against Breast Cancer (CRAAB) and the Institute of Medicine (IOM) forum. Mammography and beyond: Developing technologies for the early detection of breast cancer. Siena College.
- Gray, J. (2000) A multi-week lab sequence for the undergraduate neuroscience laboratory course. Society for Neuroscience Annual Meeting, New Orleans, LA.
- Gray, J. (2000). National Science Foundation Panel. Securing funds for undergraduate laboratory courses: The new CCLI grant program. Society for Neuroscience Annual Meeting, New Orleans, LA.
- Gray, J.M. and Raley-Susman, K.M. (1996). Effects of estradiol and tamoxifen on cell ATP levels in preoptic and hypothalamic slices. Society for Neuroscience Annual Meeting, Washington, D.C.
- Gray, J.M. and K. Susman. (1995). Twenty-five years of Biopsychology at Vassar College. Society for Neuroscience Annual Meeting, San Diego, CA.
- Gray, J.M., , C. Monian*, R. Seaman*, J. Bogdany* and T. Bialy* (1993). Calmodulin antagonists: Effects on antiestrogen binding in brain, food intake and body weight. Society for Neuroscience Annual Meeting, Washington, D.C.
- Gray, J.M. and M. Bishop* (1992). Concurrent tamoxifen and fluphenazine: Effects on food intake, body weight and 3[H]-tamoxifen binding in brain. Society for Neuroscience Annual Meeting, Anaheim, CA.
- Gray, J.M. and L. Ziemian* (1990). Antiestrogen binding in brain and pituitary of ovariectomized rats. Endocrine Society Annual Meetings, Atlanta, GA.
- Gray, J.M. and L. Ziemian* (1990). Brain antiestrogen binding sites. Society for Neuroscience Annual Meeting, St. Louis, MO.

- Gray, J.M., R. Cornelius and A. Constantinople (1989). The effects of gender on student participation in the college classroom. American Educational Research Association, San Francisco, CA.
- Shapiro, D*. J.M. Gray and R. Cornelius (1988). Variability in self reports of physical and emotional status. Eastern Psychological Association Meetings, Buffalo, NY.
- Palmer, K*. and J.M. Gray (1985). Central vs. peripheral effects of estradiol administration on feeding behavior and metabolism. Eastern Psychological Association, Boston, MA.
- Gray, J.M., M. Ramenofsky, R. Johnson * (1985). Influence of food availability on Feeding endocrine and metabolic activities in captive flocks of juncos. Eastern Psychological Association, Boston, MA.
- Yarian, D*, M.Ramenofsky and J.M. Gray (1985). Corticosterone effects on feeding and metabolism in juncos (*Junco hyemalis*). American Zoological Society, Baltimore, MD.
- Ramenofsky, M., J.M. Gray and R. Johnson* (1984). Aggression and physiology in Winter flocks of dark-eyed juncos. Hormones and Behavior Symposium, Liege, Belgium.
- Gray, J.M. and M.R.C. Greenwood (1983). Effect of estrogens on lipoprotein lipase activity and progestin binding in Zucker rats. Adipose Tissue Satellite Conference, International Conference on Obesity, Poughkeepsie, NY.
- Fisher, C., J. Gray and R. Sawyer (1982). Effect of glucocorticoids on avian scale Formation. Northeast Regional Developmental Meeting, Woods Hole, MA.
- Gavin, M.L.*, J.M. Gray and P.R. Johnson (1982). Estrogen-induced effects on food intake and body weight in ovariectomized, partially lipectomized rats. Eastern Psychological Association, Baltimore, MD.
- Bean, N.J., J.M. Gray, R. Hamlin* and E. Booziotis * (1982). Gonadal hormone mediation of housing condition effects on preference behavior in rats. Conference on Reproductive Behavior, East Lansing, MI.
- Gray, J.M. and M.R.C. Greenwood (1981). Effects of ovarian hormones on hepatic and adipose tissue lipogenesis. The Endocrine Society Annual Meeting, Cincinnati, OH.
- Nunez, A.A., J.M. Gray and G.N. Wade (1980). Central effects of estradiol on food intake in female rats. Society for Neurosciences Annual Meeting, Cincinnati, OH.
- Nunez, A.A., L.I. Siegel, J.M. Gray and G.N. Wade (1979). Effects of testosterone on body weight and adiposity. Society for Neurosciences Annual Meeting, Atlanta, GA.
- Dudley, S.D., J.D. Blaustein, J.M. Gray, E.J. Roy and G.N. Wade (1979). Long-term Retention of estradiol by brain cell nuclei and female rat sexual behavior. Eastern Conference on Reproductive Behavior, New Orleans, LA.
- Gray, J.M. and G.N. Wade (1978). Cytoplasmic ovarian hormone binding in rat adipose tissues. Symposium on Steroid Hormone Receptor Systems, Worcester, MA.
- Gray, J.M. and G.N. Wade (1977). Binding of (³H)estradiol in brain and pituitary of Mongolian gerbils, *Meriones unguiculatus*. New England Endocrine Conference, Amherst, MA.

And 21 presentations for AAVC and Vassar Development over the past 14 years.