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Curriculum Vitae
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I. EDUCATION AND PROFESSIONAL POSITIONS

EDUCATION

Degrees and certificates

Ph.D., Arts and Humanities, University of Texas at Dallas, 1997

Ph.D., Ecology, Cornell University, Ithaca, NY, 1975

M.A., Theology, Fuller Seminary, Pasadena, CA, 1987

Graduate Certificate, Environmental Ethics, University of Georgia, Athens, 1985

A.B. *cum laude*, Biology, Barnard College, Columbia University, New York, 1970

ENVIRONMENTAL AND ECOLOGICAL TEACHING AND RESEARCH POSITIONS

Professor of Environmental Studies, Department of Environmental Science, Baylor University, Waco, TX, 2003-present

Director of URSA, Undergraduate Research and Scholarship (all campus), 2010-present

Fellow of The Institute for Ecological, Earth, and Environmental Sciences (TIE³S), 2008-present

Fellow of The Institute for Studies of Religion, 2005-present

Graduate Faculty, Arts and Sciences, 2001-present

Chair of Environmental Science/Studies, Baylor University, Waco, TX, 2001-2011

Associate Professor of Environmental Studies, 2001-2003

Lindaman Chair of Science, Technology and Society, 1995-2001

Whitworth College, Spokane, WA

Professor of Biology 1991-1992
 Messiah College, Grantham, PA
 Cooperative Leader, US National Park Service Cooperative, 1981-1991
 Institute of Ecology, University of Georgia, Athens, GA
 Associate Professor
 Graduate Faculty, School of Forestry
 Graduate Faculty, School of Environmental Design
 Faculty of Environmental Ethics
 Coordinator and staff scientist Uplands Field Research Laboratory, 1974-1981
 Great Smoky Mountains National Park, TN
 Adjunct Assistant Professor, Ecology Faculty, 1979-1982
 University of Tennessee, Knoxville, TN
 Cornell University, Ithaca, New York
 Teaching Assistant, Plant ecology, general ecology, 1972-1975
 Barnard College, Columbia University
 Laboratory Assistant, general biology, 1969-1970

ADDITIONAL TEACHING EXPERIENCE AND TRAINING

Associate Professor of Religion Studies, 1992-1994
 University of North Texas, Denton, TX
 AuSable Trails Environmental Institute, Mancelona, Michigan
 Professor, Environmental Ethics, 1985-2003

II. PUBLICATIONS

Overall publication record

5 books, 1 edited proceeding, 39 full length book chapters, over 100 additional refereed articles and reports, 2 dissertations, and over 100 short articles, book reviews, technical reports.

BOOKS AND EDITOR OF PROCEEDINGS (all refereed except laboratory manuals)

Bratton, S.P. Book project in progress, on church landscapes

Bratton, S.P. 2012, *The Spirit of the Appalachian Trail: Community, Environment, and Belief on a Long Distance Hiking Path*. Knoxville: University of Tennessee Press. 284 pp.

Bratton, S.P., 2011. *Laboratory Exercises in Wildlife Ecology*, Dubuque, Iowa: Kendall Hunt, 145 pp. (laboratory manual)

Bratton, S.P. 2010. *Laboratory Exercises in Environmental Analysis, 2nd Edition*. Dubuque, Iowa: Kendall Hunt, 129 pp. (laboratory manual).

Bratton, S.P., 2009. *Christianity, Wilderness and Wildlife: The Original Desert Solitaire*. 2nd. Edition, Scranton, PA: University of Scranton Press, 350 pp.

- Bratton, S.P., 2008. *Environmental Values in Christian Art*. Albany: State University of New York Press, 260 pp.
- Bratton, S.P., 2005. *Laboratory Exercises in Environmental Analysis*, Dubuque, Iowa: Kendall Hunt, 98 pp. (laboratory manual).
- Bratton, S.P., 1993. *Christianity, Wilderness and Wildlife: The Original Desert Solitaire*. Scranton, PA: University of Scranton Press, 350 pp.
- Bratton, S.P., 1992. *Six Billion and More: Human Population Regulation and Christian Ethics*. Louisville: Westminster/John Knox, 225 pp.
- Bratton, S.P., ed. 1990. *Vegetation Change and Historic Landscape Management*. Proceedings of the Conference on Science in the National Parks 1986. Colorado State University, Fort Collins, CO, 216 pp. (plus author of two chapters)

BOOK CHAPTERS AND MONOGRAPHS (all refereed or invited)

- Bratton, S.P. in preparation, Religion and the formation of ecological values, 14th Cary Conference, Linking Ecology and Ethics for a Changing World: Values, Philosophy, and Action. New York: Springer Verlag.
- Bratton, S.P., in press, Religion and the ecosphere: Is religion ecofriendly? pp. 221-251, in Patrick McNamara and Wesley J. Wildman., eds., *Science and the World's Religions*, 3 vols. Brain, Behavior, and Evolution series. Westport, CT: Greenwood Press (Praeger Publishers).
- Bratton, S.P., 2012, Section 2: the Ecology [of the Brazos and Bosque River corridor], pp. 21-30 and selected photographs in City of Waco, Parks and Recreation Department, National Park Service, Trails and Conservation Assistance Program, US Army Corps of Engineers, *For All Our Lifetimes: A Vision for the Brazos and Bosque Rivers – Waco, TX*, Waco,: City of Waco Parks and Recreation, 62 pp.
- Bratton, S.P., 2010. Anti-imperial themes and care for living nature in early Christian art, pp. 113-138, in Kyle S. van Houtan and Michael Northcott, eds., *Dominion and Diversity*. Wipf and Stock Publishers.
- Bratton, S.P., 2008. Thinking like a mackerel: Rachel Carson's *Under the Sea Wind* as a foundation for a trans-ecotonal sea ethics, Chapter 5, pp. 79-93, in Lisa Sideris and Kathleen Dean Moore, eds., *Rachel Carson: Legacy and Challenge*. Albany, NY: State University of New York Press. (Released in both hardback and paperback editions.)
- Bratton, S.P., 2008. The spirit of the Edge: Rachel Carson and numinous experience between land and sea, pp. 159-177 in Sylvie Shaw, and Andrew Francis, eds.,

- Deep Blue: Critical Reflections on Nature, Religion and Water*. London: Equinox Press.
- Bratton, S.P., 2008. Ecology and Religion, pp. 207-225, in Philip Clayton and Zachary Simpson, eds., *Oxford Handbook on Religion and Science*. 2nd edition (paperback). Oxford: Oxford University Press. (Reprinted volume)
- Bratton, S.P., 2006. Ecology and Religion, pp. 207-225, in Philip Clayton and Zachary Simpson, eds., *Oxford Handbook on Religion and Science*. Oxford: Oxford University Press.
- Bratton, S.P., 2006. Chapter 17: Sea Sabbaths for Sea Stewards, pp.208-212, in R.J. Berry, ed., *Environmental Stewardship, Critical Perspectives – Past and Present Series*. London, UK: T&T Clark.
- Bratton, S.P., 2006. Human-nature relationships in *Die Nibelungen*, published in Hebrew, pp. 491-501, in Arie Stav, ed., *Das Nibelungenlied: "...der deutsche aller deutschen Stoffe"*. Jerusalem, Israel: A'vun Tephevich. (Book chapter in Hebrew)
- Warners, Dave, and Susan Bratton, 2006. Chapter 2: The way we live, pp. 17-24 in David S. Koetje, ed., *Living the Good Life on God's Good Earth*. Grand Rapids, MI: Faith Alive Resources. (General readership)
- Bratton, S.P., 2002. Christian Ecotheology and the Hebrew Scriptures, pp. 47-66 ed. Dawn Nothwehr, ed., *Franciscan Theology of the Environment: An Introductory Reader*. Quincy, IL: Franciscan Press.
- Bratton, S.P. 2002. J. Baird Callicott's critique of Christian stewardship and the validity of religious environmental ethics, pp. 237-251, Wayne Ouderkirk and Jim Hill, eds., *Land, Value, Community: Callicott and Environmental Philosophy*. Albany, NY: SUNY Press.
- Bratton, S.P. 2000. Christian response to changes in global ecosystems, pp. 113-124, Max Stackhouse, Tim Dearborn, Scott Paeth, eds. *The Local Church in a Global Era*. Grand Rapids: Eerdmanns Publishers.
- Bratton, S.P. 2000, The undoing of the environment: Assessing the European Religious Worldview, pp. 213 –238, Don Conroy and Rodney Peterson, eds., *Earth at Risk: An Environmental Dialogue Between Religion and Science*. New York: Humanities Press. (Historic review)
- Bratton, S.P. 2000. The church should call not just prophets but environmental deacons!, pp. 429-438 in Dieter Hessel and R.R. Ruether, eds., *Christianity and Ecology*. Cambridge, MA: Harvard University Press.
- Bratton, S.P. 2000, Christian responses to coercion in population regulation, pp.

- 267- 290 in Audrey Chapman, L. Smith-Moran and Rodney Peterson. eds., *Consumption, Population and Sustainability: Perspectives from Science and Religion*. Washington, D.C.: Island Press.
- Bratton, S.P. 1998. Penning the goring bull: The ethics of pollution, pp. 113-133 in Keith Werner and John Carroll, eds., *Ecology and Religion: Scientists Speak*. Quincy, IL: Franciscan Press.
- Bratton, S.P. 1997. The natural Aryan and the unnatural Jew: Environmental racism in Weimar and Nazi film. Ph.D. Dissertation, University of Texas at Dallas, Dec. 1997.
- Meier, A.J., S.P. Bratton, and D.C. Duffy, 1996. Biodiversity in the herbaceous layer and salamanders in Appalachian primary forests, pp. 49-64, in Mary Davis, ed., *Eastern Old Growth Forest: Prospects for Rediscovery and Recovery*. Washington, DC: Island Press.
- Bratton, S.P., 1996. Christianity and human demographic change: towards a diagnostic ethic, pp. 87-94, in N.S. Cooper and R.C.J. Carling, eds., *Ecologists and Ethical Judgments*. London: Chapman Hall.
- Bratton, S.P., 1995. Logging and fragmentation of broadleaved deciduous forests: Are we asking the right ecological questions? pp. 206-208, in David Ehrenfeld, ed., *Readings from Conservation Biology: Wildlife and Forests*. London: Blackwell.
- Ambrose, J., and S.P. Bratton, 1995. Trends in landscape heterogeneity along the borders of Great Smoky Mountains National Park, pp 215-223, in David Ehrenfeld, ed., *Readings from Conservation Biology: The Landscape Perspective*. London: Blackwell.
- Bratton, S.P., 1995. Minor breeds and major genetic losses, pp. 230-232, in David Ehrenfeld, ed., *Readings from Conservation Biology: Genes, Populations and Species*. London: Blackwell.
- Bratton, S.P., 1995. *Distinctive Responsibilities for the Environment*. Center for Applied Christian Ethics, Wheaton College, Wheaton IL., 20 pp. (Monograph)
- Bratton, S.P. 1994. Christians and abortion, pp. 318-319 in Laura Mazer, ed., *Beyond the Numbers: A Reader on Human Population Growth*. Washington, DC: Island Press.
- Bratton, S.P. 1994. Monks, temples and trees. The spirit of diversity, pp. 40-41 in Gary Meffe and Ron Carroll, eds., *Principles of Conservation Biology*. Sunderland, MS: Sinauer Press.

- Bratton, S.P. 1994. Acceptable change: People, values and management, pp. 232-240, in Juri Peepre and Bob Jickling, eds., *Northern Protected Areas and Wilderness*. Whitehorse, Yukon: Canadian Parks and Wilderness Society.
- Bratton, S.P. 1993. Christian ecotheology and the Old Testament, pp. 479-489, in S.J. Armstrong and R.G. Botzler, eds., *Environmental Ethics: Divergence and Convergence*, First edition, New York: McGraw Hill.
- Bratton, S.P. 1993. Human population growth and Christian ethic., pp. 36-43, in *Faces of Poverty and Population: Perspectives on Our Global Future*. Monrovia, CA: World Vision. (General readership)
- Bratton, S.P. 1992. Models of ecosystem restoration and ecosystem health, pp. 170-189, in R. Constanza, B. Norton, and R. Haskel, eds., *Ecosystem health: New Goals for Environmental Management*. Washington, DC. : Island Press.
- Bratton, S.P. 1992. The “new” Christian ecology, pp. 204-214, in Max Oelschlager, ed., *After Earth Day: Continuing the Conservation Effort*. Denton, TX: University of North Texas Press.
- Bratton, S.P. 1992. Sleeping with lions: The wild and the holy, pp. 125-137, in *Finding Home: The Best of Orion*. Boston: Beacon Press.
- Bratton, S.P., R. Miller, J. Ambrose. 1991. A biosphere reserve: assessing effectiveness in preservation of diversity and evaluating boundary placement, pp. 62-68, in Peter F. Ffolliott, and Wayne T. Swank, eds., *People in the Temperate Region: A Summary of Research from the United States Man and the Biosphere Program*. Washington, DC: United States Man and the Biosphere Program: Temperate Forests Directorate.
- Firth, I., and S.P. Bratton, 1990, Vegetation management in historic landscapes in the United States and Britain, *International Federation of Landscape Architects Yearbook*, From invited symposium presentation, July 1988.
- Turner, M. & S. P. Bratton, 1987. Fire, grazing, and the landscape heterogeneity of a Georgia barrier island, pp. 87-101, in M. Turner, ed., *Landscape Heterogeneity and Disturbance*, Ecological Studies Vol. 64. New York: Springer Verlag.
- Bratton, S.P., 1987. *A fierce green fire dying: Land ethics and wild nature*. Mancelona, MI: AuSable Institute, 45 pp. (Monograph)
- Bratton, S.P., 1986. Christian ecotheology and the Old Testament, pp. 53-75, in Gene Hargrove, ed., *Religion and Environmental Crisis*. Athens, GA: University of Georgia Press.
- Bratton, S.P., and P.S. White, 1981. Rare and endangered species management: potential threats and practical problems in USA parks and preserves, pp.

475-480, in Hugh Sygne, ed.) *Biological Aspects of Rare Plant Conservation*. New York: John Wiley & Sons, Ltd.

White, P.S., and S.P. Bratton, 1981. Monitoring vegetation and rare species populations in USA national parks and preserves, pp. 265-280, in Hugh Sygne, ed., *Biological Aspects of Rare Plant Conservation*. New York: John Wiley & Sons, Ltd.

Bratton, S. P., 1981. Information storage and population monitoring within Great Smoky Mountains National Park, pp. 63-68, in L.E. Morse and M. S. Henifin, eds., *Rare Plant Conservation: Geographical Data Organization*. New York: New York Botanical Garden.

SHORT BOOK CHAPTERS - Dictionaries and Encyclopedias

Bratton, S.P., 2011, Population policy and control, pp. 604-605, in Joel B. Green, Jacqueline E. Lapsley, Rebekah Miles, and Allen Verhey, eds., *Dictionary of Scripture and Ethics (DSE)*. Grand Rapids, MI: Baker Publishing Group.

Bratton, S.P. 2010, Environment and ecology: Colonial and early nineteenth century, Charles Lippy and Peter W. Williams, eds. *Encyclopedia of Religion in America*, Vol. 2: 710-716.

Bratton, S.P. and Cook-Lindsay, Austin, 2010, Stewardship, in Willis Jenkins and Whitney Bauman, eds., *The Spirit of Sustainability, Vol.1, Berkshire Encyclopedia of Sustainability*. Great Barrington, MA: The Berkshire Press, 372-375.

Bratton, S.P. 2009, Oceans, pp. 115-120, in Baird Callicott, et al., eds. *Encyclopedia of Environmental Ethics and Philosophy* Vol. 2. Detroit: Gale Centage.

Bratton, S.P. 2009, St. Francis of Assisi, pp. 280-281, in Baird Callicott, et al., eds., *Encyclopedia of Environmental Ethics and Philosophy* Vol. 2. Detroit: Gale Centage.

Marcum, Heidi, and Susan Bratton, 2007, Horses and humans: From prey to partner, in M. Bekoff, ed., *Encyclopedia of Human-Animal Relationships*. Greenwood Publishing Group.

Bratton, S.P., 2005, Christian art and nature, in Bron Taylor, ed., *Encyclopedia of Religion and Nature*. London: Continuum International Publishing Group.

Bratton, S.P., 2005, Be fruitful and increase (Commentary on Genesis 1:28). Pp. 8-9 in World Vision, Int., *Faith in Action Study Bible: Living God's Word in a Changing World*. Grand Rapids, MI: Zondervan Press

Bratton, S.P., 2003, Human ecology, *Encyclopedia of Science and Religion*.

Bratton, S.P., 1994, Ecological niche, pp. 196-197. in Robert Paehlke, ed., *Conservation and Environmentalism: An Encyclopedia*. New York: Garland Publishers.

Bratton, S.P., 1994, Odum, Eugene, p. 490, in Robert Paehlke, ed., *Conservation and Environmentalism: An Encyclopedia*. New York: Garland Publishers.

JOURNAL, PROCEEDINGS AND PERIODICAL ARTICLES (*full length refereed or invited)

Bratton, S.P. with Katia Hetter, in preparation, A distinctly American pilgrimage, in preparation for CNN.

*Bratton, S.P., 2012, Appreciating wilderness, In: Caring for Creation, *Christian Reflection*, 28-35.

Bratton, S.P. submitted June 2012, Book review: Book review: Laura M. Hartman, *The Christian Consumer: Living Faithfully in a Fragile World*, Oxford, UK: Oxford University Press, 2011, HB, 256 pp. *Worldviews*.

*Bratton, S.P. resubmitted June 2012, Water, purity, politics and radical ritual transition in in early Roman Christian art, to *Religion and the Arts*

*Bratton, S.P., 2012, The Megachurch in the Landscape: Adapting to Changing Scale and Managing Integrated Green Space in Texas and Oklahoma, USA, *Worldviews* 16: 30-49.

Bratton, S.P. 2010, Animals in Christian art: New terrain? Guest Voices, Faith and its Impact on the News, *The Washington Post*, June 16, 2010.

*Archer, Kenna Lang, and S.P. Bratton, 2010, Forest history and succession in William Cameron Park, an urban natural area in Waco, Texas, *Castanea* 75(1): 39-51.

Bratton, S.P. 2010, Book Review: Kevin A. Codd, 2008, *To the Field of Stars: A Pilgrim's Journey to Santiago de Compostela*, Grand Rapids, MI: Wm. B. Eerdmans Publishing Co., *Worldviews* 14(2010): 266-302. (Book review)

Nordt, Lee, Gregory Benesh, Susan Bratton, Jaime Diaz-Granados, Robert Doyle, Steven Driese, Patrick Farmer, Truell Hyde, and Larry Lyon, 2010, World-class science and faith not incompatible, Houston Chronicle, March 4, Letter to the Editor, post on Viewpoints website. (Letter to the editor)

Nordt, Lee, Gregory Benesh, Susan Bratton, Jaime Diaz-Granados, Robert Doyle,

- Steven Driese, Patrick Farmer, Truell Hyde, and Larry Lyon, 2010, World-class science and faith not incompatible, *The Baylor Lariat*, Tuesday, March 23, 2010, 2, Opinion. (Letter to the editor, reprinted)
- *Bratton, S.P. 2009, The Book of Proverbs, the precautionary principle, and prudence in water management, *Proceedings: US-Chinese conference on Religion and Science, June 2009, University of Beijing*, 128-138. (Proceedings in Mandarin)
- Bratton, S.P. 2009, Laura Hobgood-Oster, Laura. 2007. *Holy Dogs & Asses: Animals in the Christian Tradition* (Urbana and Chicago, IL: University of Illinois Press) xii, 176 pp, *Religion, Nature and Culture*. (Book review)
- *Garza, Sara and Susan Bratton, 2008, Impact of *Ligustrum lucidum* on leaf morphology, chlorophyll, and flower morphology of white trout lily (*Erythronium albidum*) in Cameron Park Waco, TX, *The Pulse, Science Edition*, Fall 2008. (Undergraduate journal)
- *Wood, John, Mark Bjelland, Steve Bouma-Prediger, Susan Bratton and Janel Curry, 2005, Christian environmentalism: Cosmos, community and place. *Perspectives on Science and Christian Faith* 57(1): 1-5..
- *Bratton, S.P., 2004, Thinking like a mackerel: Rachel Carson's *Under the Sea Wind* as a foundation for a trans-ecotonal sea ethic, *Ethics and the Environment* 9(1): 3-22.
- Bratton, S.P., March 2004 Rockfish, redfish, stockfish, food fish, *Sojourners Magazine*, pp. 22-25. (Invited)
- *Bratton, S.P., 2003, Ecological holism and theological dualism as roots of environmental racism: Medieval lessons for modern religious scholars, *Worldviews* 7 (I/II): 27-57. (Notre Dame symposium volume).
- *Bratton, S.P., 2003, The precautionary principle and the Book of Proverbs: Toward an ethic of ecological prudence in ocean management, *Worldviews* 7(III): 253-273.
- *Bratton, S.P., and S. Hinz, 2002, Ethical responses to commercial fisheries decline in the Republic of Ireland, *Ethics and the Environment* 7(1): 54-91.
- Bratton, S.P., 2002, Vision 2012 promises science on a higher plane, *Baylor News* 12(3) March: 5. (Magazine article)
- Bratton, S.P., 2002, Christians on the forefront of biological conservation? The Future of Life, by E.O. Wilson, *Baylor Magazine* June. (Book review)

- *Bratton, S.P., 2001, Is “waste, not want not” an adequate ethic for fisheries bycatch? In Ecology and Theology symposium, Paper 1: 1-7 pp., in *Microbehavior and Macroresults, Proceedings of the Tenth Biennial Conference of the International Institute of Fisheries Economics and Trade*, Corvallis, OR. Omnipress CD-ROM. (Symposium proceeding)
- Bratton, S.P., 2001, Beyond the Land Ethic: More Essays in Environmental Philosophy, by J. Baird Callicott, *Environmental Practice* 2(3): 264-266. (Book review)
- *Hinz, Shawn, and S.P. Bratton, 2000, Religion and fisheries decline in traditional Irish fishing communities with a comparison to the Pacific Northwest region USA, *Ecotheology* 8: 114-31.
- *Bratton, S.P., 2000, From Iron Age myth to idealized national landscape: Human-nature relationships and environmental racism in Fritz Lang’s *Die Nibelungen*, *Worldviews* 4: 195-212.
- *Stephenson, Bret, and S.P. Bratton, 2000, Martin Luther’s concept of sin’s impact on nature and the unlanding of the Jews, *Ecotheology* 9: 84-102.
- *Lowe, K., S.P. Bratton, and S. Hinz, 2000, Effects of tourism on perceptions of wildlife protection, religion, and community support among Gaeltacht (Irish speaking) commercial fishers in the Republic of Ireland, *Proceedings of the Society of American Foresters National Convention*, 1999, Bethesda, MD: 434-441.
- *Bratton, S.P., 2000, Celtic monks and forest protection, *Proceedings of the Society of American Foresters National Convention*, 1999, Bethesda, MD: 490-494.
- *Bratton, S.P., 1999, Luc Ferry’s critique of Deep Ecology: Nazi nature protection laws and environmental anti-Semitism, *Ethics and the Environment* 4(1): 3-22.
- *Bratton, S.P., 1999, Christianity and the Irish landscape in Lady Augusta Gregory’s *A Book of Saints and Wonders*, *Ecotheology* 7: 81-97.
- *Bratton, S.P. and A.J. Meier. 1998, The recent vegetation disturbance history of the Chattooga River Watershed, Symposium on Appalachian vegetation invited by the Southern Appalachian Botanical Club - April 1997, *Castanea* 63 (3): 372-381. (Invited)

- Bratton, S.P., 1997, The Original Desert Solitaire: Christianity and wilderness spirituality, *Virginia Seminary Journal*. Dec. 1997:12-19. Issue on "The Christian Response to Environmental Issues." (Invited)
- Bratton, S.P., and A.J. Meier, 1998, Implications of recent ecological studies for restoration of eastern deciduous forest understories, *Restoration and Management Notes* (Winter): 22-37.
- Bratton, S.P., 1999, New lab manual: *Problem-Solving in Conservation Biology and Wildlife Management: Exercise for Class, Field and Laboratory*, *Conservation Biology* 13(2): 455-461. (Book review)
- Bratton, S.P. , 1998, A Gentle Introduction: *Biodiversity: Exploring values and priorities in conservation*, *Conservation Biology* 27 (5). (Book review)
- Bratton, S.P., 1997, A Target Earth Interview with Dr. Susan Bratton, Population Ethicist, *Target Earth* 1(3) May/June: 4-5. (Published interview)
- Bratton, S.P., 1996, The plight of the female farmers, *Theology & Public Policy*, Vol.. 8 (1&2): 42-56. (Invited)
- *Bratton, S.P., 1996, Lopsided justice and eco-realities for women, *Center for Theology and the Natural Sciences* (Graduate Theological Union, Berkeley, CA), Spring, 18-27.
- *Bratton, S.P., 1996, Risk, population and reflexive modernity, *CUE, Symposium*, Oct. 1996. Publication on Internet with symposium proceedings.
- *Meier, A.J., S.P. Bratton, and D.C. Duffy, 1995, Possible ecological mechanisms for loss of vernal herb diversity in logged eastern deciduous forest, *Ecological Applications* 5(4): 935-946.
- *Godt, M.J., J. Hamrick, and S.P. Bratton, 1995, Genetic diversity in a threatened wetland species, *Helonias bullata* (Liliaceae), *Conservation Biology* 9: 596-604.
- *Cole, A., and S.P. Bratton, 1995, Development and wetland water quality at Cape Hatteras Seashore, NC, *Natural Areas Journal* (Jan. 1995): 14-24.
- *Bratton, S.P., 1995, Christianity and human demographic change: towards a diagnostic ethic, *Biodiversity and Conservation* 4(8): 87-94.
- Bratton, S.P., 1995, Christian care for creation: Across continents, through centuries, *Green Cross*, Dec. 1994, 6-11. (Magazine article)

- Bratton, S.P., 1995, A Christian perspective on population ethics, *World Vision*, June/July 2-7. (Interview, magazine article)
- *Bratton, S.P., J.R. Hapeman, and A.R. Mast, 1994, The lower Susquehanna River gorge and flood plain (U.S.A.) as a riparian refugium for vernal, forest floor herbs, *Conservation Biology* 8:1069-1077.
- *Bratton, S.P., 1994. Logging and fragmentation of broadleaved deciduous forests: Are we asking the right ecological questions? *Conservation Biology* 8: 295-297.
- *Bratton, S.P., and S. Miller, 1994, Past agricultural management and the structure of maritime forest, Cumberland Island National Seashore, GA, *Bulletin Torrey Botanical Club*. 121: 1-12.
- *Bratton, S.P., 1994, Ecofeminism and the problem of divine immanence/transcendence in Christian environmental ethics, *Science and Christian Belief* 94: 21-40.
- Bratton, S.P., 1994, The worth of every child: Human population growth and reverence for human life, *Sojourners* 23: 24-26. (Invited, magazine article)
- Bratton, S.P., 1994, Six billion neighbors to love: The Bible and human population growth, *Prism Magazine*, July 1994. (Magazine article)
- *Bratton, S.P., 1993, Survivorship of evergreen hardwoods after wildfire in maritime forest, Cumberland Island National Seashore, GA, *Castanea* 58: 34-44.
- Bratton, S.P., and E.A. Kramer, 1993, Recovery of live oak sprouts after release from browsing on Cumberland Island National Seashore, Georgia, pp. 47-57 in C.Andrew Cole and Kent Turner, eds., *Barrier Island Ecology of the Mid-Atlantic Coast: A Symposium*, U.S. National Park Service Technical Report NPS/SERCAHA/NRTR - 93/04. (Invited)
- Bratton, S.P., 1993, *Ethics of Environment and Development: Global Challenge and International Response*, by J. Ronald Engel and Joan G. Engel (eds), *Restoration and Management Notes*. (Book review)
- Bratton, S.P., 1993, National park women in natural resources: Clear blue skies or glass ceiling? *Women in Natural Resources*. (Invited)
- *Bratton, S.P., 1992, Loving nature: Eros or agape, *Environmental Ethics* 14: 3-25.
- *Miller, S.G., and S.P. Bratton, 1992, The impact of white-tailed deer on endangered and threatened vascular plants, *Natural Areas Journal* 12(2): 67-74.
- Bratton, S.P., 1992., Pollution, purity and Christian social ethics, *Theology News and Notes*, Dec. 1992, 7-10, 23. (Invited)

- *Goodloe, R., R. Warren, E.G. Cothran, S.P. Bratton, and K.A. Trembicki, 1991, Genetic variation and its management applications in eastern U.S. feral horses, *J. Wildlife Management*. 55(3): 412-421.
- *McPherson, G., and S.P. Bratton, 1991, Effects of fire on community boundary dynamics. *17th Tall Timbers Fire Ecology Conference*, Tallahassee, FL, May 1989, pp. 163-182. (Proceedings)
- *Bratton, S.P., 1991, The wildfire ecology of Cumberland Island, *Tipularia* 5(1): 14-21.
- Bratton, S.P., 1991, *Trees and Man: The Forest in the Middle Ages*, by Roland Bechmann, *Technology and Culture* . (Book review)
- *Ambrose, J.P., and S.P. Bratton, 1990, Trends in landscape heterogeneity along the borders of Great Smoky Mountains National Park: Implications for park management, *Conservation Biology* 4: 135-143.
- *Bratton, S.P., 1990, Boat disturbance of wading *Ciconiiformes* in Georgia estuaries, *Colonial Waterbirds* 13: 124-128.
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Bratton, S. P. 1978. Impacts of white-tailed deer on the vegetation of Cades Cove, Great Smoky Mountains National Park. Report for the Superintendent. National Park Service, Great Smoky Mountains National Park (with recommendations and appendix). 36 pp.

*Singer, F. J. & S. P. Bratton. 1977. Black bear management in Great Smoky Mountains National Park. Management Report no. 13. National Park Service, Southeast Regional Uplands Field Research Laboratory. 42 pp.

*Bratton, S. P., Hickler, M. G. & J. H. Graves. 1977. Trail and campsite erosion survey for Great Smoky Mountains National Park. Four volumes (issued and distributed separately)

- I. Introduction and Methods (61 pp.)
- II. Patterns of overnight backcountry use and the condition of campsites (126 pp.)
- III. The condition of trails (143 pp.)
- IV. The description of individual trails (331 pp.)

Bratton, S. P. 1975. Scientific Problem Definition, Great Smoky Mountains National Park. Management Report no. 1. National Park Service, Southeast Regional Uplands Field Research Laboratory. 40 pp.

Baron, J., Dombroski, C. & S. P. Bratton. 1975. The status of five woody exotic plants in Great Smoky Mountains National Park. Management Report no. 2. National Park Service, Southeast Regional Uplands Field Research Laboratory. 18 pp.

Bratton, S. P. 1975. An integrated ecological approach to the management of the European wild boar (*Sus scrofa*) in Great Smoky Mountains National Park. Management Report No. 3, Southeast Regional Uplands Field Research Laboratory. 50 pp.

Bratton, S. P. 1973. Documentation for the slide collection: Rooting by the European wild boar in the Great Smoky Mountains National Park. Report to the National Park Service. 20 pp.

Also a series of articles for *Smoky Vistas* newspaper, including several "Hikers' Hints" columns. Feature articles includes "Mist and the master carver" about water, "Fire and rain" about disturbance ecology. Other articles covered exotic species, visiting historic home sites and potential hiking routes.

III. GRADUATE AND THESIS MENTOR

Graduate student committees - Baylor University 2001-present Chair, completed thesis:

Crumpton, Trey, 2010. *Oaks of Independence: A Landscape History of the Original Site of Baylor University and the Potential Surrounding Historic District*, M.S. Environmental Science (defense Dec. 2010, graduation May 2011), 435 pp.

Faucher, Staron, 2009, *Ethnic Preferences in Outdoor Recreation: William Cameron Park and Waco, TX*, M.E.S., Environmental Studies, 112 pp.

Turner, Bradley, 2008, *The Sublime and the Synthetic: Riparian Art and Industrialization*. M.E.S. Environmental Studies.

Song Gao, 2008, *Support Host Selection of Lonicera japonica and its Interaction with Environmental Factors in Cameron Park, Waco, TX*, M.S., Environmental Science.

Kenna Lang, 2007, *Environmental History of William B. Cameron Park, Waco, TX*, M.E.S. Thesis, Environmental Studies, 118 pp.

Howard, Amber, 2004, *Building Sustainable Communities: Brownfields Redevelopment as a Tool for Smart Growth*, M.S. Thesis, Environmental Science, 70 pp.

Jennifer Gearhart, 2003, *Practicing, Implementing, and Accepting Science: An Exploration of the Relationships between Scientists and Agriculturalists in Central Texas and Ireland*, M.E.S. Thesis, Environmental Studies, 74 pp.

Melinda Suchecki, 2003, *Economic and Environmental Reasons for the Use of Steel Framing in Residential Construction*, M.S. Thesis, 228 pp.

Chair, M.E.S. in progress

Toney, Sky, 2001- present, no topic selected

Chair, M.E.S. non-thesis completed:

Lewis, Parker, 2011, internship with the City of Waco Water Office, and second internship with Lake Whitney State Park, paper on “Spatial Analysis of Forest Cover and Viewshed: Independence, TX”

Makino, Naoko, 2009, internship with City of Waco Water Office, paper on exotic species risk assessment in Cameron Park.

Alvarez, Mauricio, 2007, internship with City of Waco, paper on privet in Cameron Park.

Zhu, Kongyen, 2005, internship with GIS division of Texas Parks and Wildlife, paper on management of Lake Waco.

Seljos, Tanya, 2004, internship and paper on education at Cameron Park Zoo.

Member, Baylor graduate committee, degree completed:

Brianna Kirchner, 2009, *Rodent populations and fire ecology of a tall grass prairie*, M.S. Environmental Biology. (Advisor, Ken Wilkins)

Urena-Beck, Fabiola, 2008, *Prymnesium parvum* Effects on Green Algae, Cladocerans, and Fish via Different Routes of Exposure, M.S., Environmental Science. (Advisor, Bryan Brooks)

Pablo Davila, 2006, *The Evaluation of a Subsurface Flow Constructed Wetland for On-Site Wastewater treatment under the NSF/ANSI Standard 40 Protocol Design Loading*, M.S. Thesis, Environmental Science, 75 pp. plus appendices (Advisor, Joe Yelderman)

Reddy Adaphala, 2006, energy internship, paper on fuel production, M.E.S. Environmental Studies, non-thesis. (Advisor, Peter van Walsum).

Hooker, Rebecca, 2005, *Multigenerational responses of Daphnia magna to Ethynylestradiol and Faslodex*, M.S. Thesis, Environmental Science, 68 pp. (Advisor, Bryan Brooks)

Al-Nahari, Ali, 2004, *Using Subsurface Dams for Wastewater Treatment and Reuse*, M.S. Thesis, Environmental Science, 84 pp. (Advisor, Joe Yelderman)

Loudermilk, Megan, 2004, *A Comparison Study of Various Disposal Methods for On-Site Sewage Facilities within the State of Texas*, M.S. Thesis, Environmental Science, 45 pp. (Advisor, Joe Yelderman)

Scheffe, Brian, 2004, *Pet Plastics as an Alternative Substrate Material in Sub-surface Flow Constructed Wetlands for the On-site Treatment of Septic Tank Effluent*, M.S. Thesis, Environmental Science, 47 pp., (Advisor, Joe Yelderman)

Shutt, Jennifer, 2004, *The Volunteer Career: A Comparative Study of What Motivates People to Volunteer with Search and Rescue Units*, M.A. (Sociology)

Catherine Trouteau, 2003, *Informing Policy for Agriculturalists: Social Barriers to the Protection of the Golden-Cheeked Warbler Under the Endangered Species Act*, M.S. Thesis, Environmental Science, 82 pp. (Advisor, Sara Alexander)

McKernan, Pam, 2003, *The Effect of Fire on Grass and Shrub cover in Big Bend National Park, Texas*, M.S. Thesis, Environmental Biology, 103 pp., (Advisor, Joseph White)

Committee member thesis or dissertation underway (titles approximate):

Frick, Brandon, Appointed to committee led by Paul Martens, Feb. 2011, PhD Religion.

Undergraduate thesis committees – Baylor University

Megan Loudermilk, 2002, *An Evaluation of the Plans for the Channelization of Clear Creek within Friendswood, Texas, Utilizing the HBC-RAS and Flow Meter Hydrologic Models*, 47 pp. plus appendix (Co-submitted to Geology).

Blez, Benjamin, 2011, (mentor, Julie King), *Shell's Environmental and Human Rights Offenses in the Ogoni region of Nigeria*, Honors Thesis. 45 pp.

Undergraduate publication mentor

Bransford, Tim, 2010, Canopy use in a temporal aspect by the mantled howler monkey (*Alouatta palliate*) in Costa Rica, *The Pulse* 7(2): 17-25. Supervised in the field by a Duke University faculty member, acted as Baylor mentor for research credit.

PREVIOUS STUDENT SUPERVISION

Graduate student co-authors, committees (prior to Baylor)

Post docs: Guy McPherson (advisor), Andrew Cole (advisor), Mary Jo Godt, David Duffey

Graduate students - as major advisor Aaron Rosen, as minor advisor with co-authorship, or as National Park Service research coordinator with co-authorship- Bart Johnson, A.J. Meier, John Ambrose, Robin Goodloe, Katherine Davison, Sally Turner, Monica Turner, Jill Baron, Mark E. Harmon, Jim Boone, Lee Graham, Letty Fitch, Felipe Lemus, Jennifer McMurtrey, Dean Simon, Mary Jo Hayes, Susan Bennett, Elizabeth Kramer, Lauren Zeichenr, Lucy Lawless, Haines Curry, Aditi Dutt, Shariya Molumgoda, Christy Johnson, Christine Johnson

IV. ABSTRACTS AND PRESENTATIONS

PUBLISHED ABSTRACTS AND POSTERS, DISTINGUISHED LECTURES 2000 to present

- Bratton, Susan P., 2012, Invited class lectures, “Protestantism and American landscape art”, and “The Spirit of the Appalachian Trail” for Prof. Greg Huithusen, Course: American environmental values, Ohio State University, May 2, 2012.
- Jonescu, Brian; Stephanie Smith; Matthew Fisher; Alaina Hoey (S.P. Bratton, mentor), 2012, Day hiking in urban, natural or wilderness settings: The type of hike versus the environment as determinants of hiker experience, URSA outstanding posters display, Jones Library, Baylor, April 28-May15. (poster)
- Myers, Ashleigh; Dannie Dinh; Reyna Anderson (S.P. Bratton, mentor), 2012, Impact of urban, natural and wilderness settings and of three types of day hiking on perception of the natural environment, Baylor University Scholars Week, URSA outstanding posters display, Jones Library, Baylor, April 28-May15. (poster)
- Jonescu, Brian; Stephanie Smith; Matthew Fisher; Alaina Hoey (S.P. Bratton, mentor), 2012, Day hiking in urban, natural or wilderness settings: The type of hike versus the environment as determinants of hiker experience, Baylor University Scholars Week, March 28-29. (poster)
- Myers, Ashleigh; Dannie Dinh; Reyna Anderson (S.P. Bratton, mentor), 2012, Impact of urban, natural and wilderness settings and of three types of day hiking on perception of the natural environment, Baylor University Scholars Week, March 28-29. (poster)
- Bratton, S.P., 2012, Relative contributions of faculty, undergraduates, and graduate students to forming a community supportive of undergraduate research experience, Baylor University Scholars Week, March 28-29. (poster)
- Bratton, S.P. 2012, Relative contributions of faculty, undergraduates, and graduate students to forming a community supportive of undergraduate research experience, Texas Academy of Sciences Annual Meeting, Sul Ross University, March 2. (poster)
- Toney, Skyler, and S.P. Bratton, 2012, The response of native oaks and invasive woody plant species to drought stress in Cameron Park in Waco, Texas, to Texas Academy of Sciences Annual Meeting, Sul Ross University, March 2, (poster)

- Bratton, S.P., 2012, The influence of individual mentors and of integration into a research community on undergraduate perceptions of the value of research experience, for 12th Annual Assessment Conference, Texas A&M University, Feb. (poster)
- Crumpton, Trey (S.P. Bratton as mentor and grant PI), accepted, Witness to the Texas Republic: Dendrochronology of live oaks at Independence, TX, American Society for Environmental History, Madison, Wisconsin, 2012. (poster)
- Bratton, S.P. 2011, Distinguished Lecture Series, Bethel Seminary, San Diego, CA (Nov. 3- 4): God and the Waters -- Theology and Stewardship Walking (and Hiking) With the Lord: A Spirituality of Outdoor Recreation Christian Environmentalism 101: Toward a Sustainable World(view)
- Bratton, S.P., 2011, Ecology and world religion, 14th Cary Conference, Linking Ecology and Ethics for a changing World: Values, Philosophy and Action, Cary Institute for Ecosystem Studies, Millbank, NY, May.
- Bratton, S.P., 2011, Megachurches and green space: From renovated urban structures to suburban campuses, *American Society for Environmental History*, Annual Meeting, Phoenix, AZ, April.
- Keck, Marcus, Andra Nava, and S.P. Bratton, 2011, The Effects of invasive non-native woody species on regeneration of native oak species of Cameron Park, Waco, TX, *Baylor University Scholar's Week 2011*, April. (Departmental best poster award)
- Nathan Robins, (Susan Bratton mentor), 2011, Establishment of experimental composting and container gardens for Caye Caulker, Belize, *Baylor University Scholar's Week 2011*, April.
- Robins, Nathan, Toney, Sky, Amelia Hudson, Lynette Wysocki, Tim Bransford, Austin, Cook-Lindsay, Ben Belz, Katie Ross, Kevin Hermes, and S.P. Bratton (mentor), 2011, The impact of urbanization on day hiker personal, spiritual, and natural experience in central Texas, *Baylor University Scholar's Week 2011*, April.
- Corrine Schule, Katherine Johnson, Brett Heflin, Micheal Hannon, Pate Barnes and S.P. Bratton (mentor), 2011, Day hiker valuation of the trail environment as influenced by urbanization of the route, type of hike and number of hikes, *Baylor University Scholar's Week 2011*, April.
- Hudson, Amelia (Susan Bratton on-campus mentor), 2011, Diameter, weight, and length of twigs from monk parakeet (*Myiopsitta monachus*) nests in the Dallas-Fort Worth metroplex, TX, *Baylor University Scholar's Week 2011*, April. (Project conducted with University of Texas).
- Toney, Sky, Nat Robbins, and S.P. Bratton, 2011, The impact of urbanization on day hiker personal, and natural experience in central Texas, *Texas Academy of Sciences*, March 2011.
- Keck, Marcus, Andra Nava, and S.P. Bratton, 2011, Impact of non-native privet (*Ligustrum* spp.) on regeneration of native oaks (*Quercus* spp.) in William Cameron Park, Waco, TX, *Texas Academy of Sciences*, March 2011.
- Crumpton, Trey (Susan Bratton mentor), 2011, The Oaks of Independence: A Landscape History of the Original Site of Baylor University and the Potential Surrounding Historic District, Independence Historical Society last Friday, Feb. 11, Independence, TX.
- Bratton, S.P., 2011, Assessment of a multi-faceted initiative: The roles of mentoring, advising, curriculum, and scholarly community in developing an undergraduate research program, 11th Annual Academic Assessment Conference, Texas A&M University, College Station, TX, Feb.
- Bratton, S.P. 2010, Megachurches and the ethics of green space, *Ethics and Culture*, Annual Meeting, University of Notre Dame, November 17-19. 2010.

- Bratton, S.P., 2010, Interpretation of the Appalachian Trail as a religious or spiritual landscape: Historic roots, 21st century beliefs, and hiker experience, *Annual Meeting American Academy of Religion*, Atlanta, GA, Oct. 27-Nov. 2.
- Bratton, S.P., 2010, The Spiritual Context of the Appalachian Trail: From 19th Century Protestant Christianity to 21st Century Religious Diversity, In Session, Christians in Different Shades of Green, Bron Taylor Moderator, *American Society for Environmental History*, Portland, OR. March 13-17.
- Balch, Cameron, Mark Bradley, Jonathan Wise, David Harris, Schuyler Webb, and Susan Bratton (mentor), Personal, environmental, and spiritual outcomes from three styles of hiking: goal oriented, nature oriented, and contemplative, *Baylor University Scholars Week*, March 22-25 (Poster).
- Garza, Sarah, Jessi Carrothers, Austin Cook-Lindsay, and S.P. Bratton (mentor), 2010, Participation in undergraduate research a key to successful applications for fellowships, research assistantships and graduate school admissions, *Baylor University Scholars Week*, March 22-25 (Poster).
- Bratton, S.P., 2009, Plenary presentation, The Book of Proverbs, the Precautionary Principle, and Prudence in Water Management, *US-Chinese Conference on Religion and Science*, Beijing, China, June.
- Bratton, Susan, 2009, Developing Supplemental Summer Courses for Students in the Field: Using Lesson Builder and Powerpoint Test Course -Natural Resources Management, *Technology Showcase*, Baylor University, April.
- Bratton, S.P., 2008, Water, Purity, Politics and Radical Ritual Transition in Early Roman Christian Art, American Academy of Religion – Chicago, IL, November.
- Garza, Sara, and Susan Bratton, 2008, Impact of *Ligustrum lucidum* on flower morphology, chlorophyll, and flowering of white trout lily (*Erythronium albidum*) in Cameron Park, Waco, TX, Baylor University, Scholar's Day, April. (Poster)
- Gao, Song and S.P. Bratton, 2008, Support host selection of *Lonicera japonica* and its interaction with different factors in Cameron Park, Waco, TX, *Texas Academy of Sciences Annual Meeting 2008*, March. (Poster)
- Bratton, S.P., 2006, The environment in Dutch 17th century Christian art, *Society for Religion, Nature and Culture*, Gainesville, FL, April.
- Bratton, S.P., 2005, Christ as Orpheus, American Academy of Religion Annual Meeting, Philadelphia, PA, November.
- Bratton, S.P., 2005, The Good Shepherd and his dog: Environmental values in early Christian art, American Academy of Religion, Southwest Regional, Dallas, Texas, March.
- Bratton, S.P. 2005, The Good Shepherd and his dog: Environmental values in early Christian art – Scholar's Day, Baylor University. February.
- Bratton, S.P., 2004, Sabbath rest for the Creation, *Christian Faith and the Soul of the University*, Baylor University, March.
- Bratton, S.P., 2004, Historic Christian pilgrimage and contemporary long distance hiking: Analogous spiritualities, *Christian Faith and the Soul of the University*, Baylor University, March. \
- Bratton, S.P., 2003, The precautionary principle and the Book of Proverbs – Scholars Day, Baylor University, January.

- Bratton, S.P., 2002, The impact of tourism on the ethics of commercial fishing in Ireland – Scholars Day, Baylor University, January.
- Bratton, S.P., 2002, Ecological Holism and Theological Dualism as Roots of Environmental Racism: Medieval Lessons for Modern Religious Scholars, to Christianity and Ecology Conference, Notre Dame, February.
- Bratton, S.P., 2002, The precautionary principle and the Book of Proverbs, Christianity and Ecology Conference, Notre Dame, February. (Poster)
- Bratton, S.P., 2002, The precautionary principle and the Biblical wisdom literature, American Academy of Religion, Toronto, Canada, November.
- Marcum, Heidi, and S.P. Bratton, 2002, Spiritual care of animals, the case of animal enrichment. Christianity and Ecology Conference, Notre Dame, February. (Poster)
- Bratton, S.P., Shawn Hinz, and Kathryn E. Lowe, 2002, Ethical responses to commercial fisheries decline in the Republic of Ireland: Impacts of tourism and loss of fishing income on community values. *Conference on Sustaining Seascapes*, American Museum of Natural History, March 7-8. (Poster)
- Bratton, S.P., and Kathryn Lowe, 2000, Tourism and the ethics of fishing in Ireland, *American Academy of Religion, Northwest Regional Meeting*, Spokane, WA, April.
- Bratton, S.P. and Jennifer Ann Bennett, 2002, Objective versus subjective ethical values and commercial fishermen’s perceptions of fisheries science, *American Fisheries Society Meeting*, Baltimore, MD, August,
- Bratton, S.P., 2000, Fisheries decline, will Christianity be a casualty, spectator or constructive mediator? – Global Environmental Conference, Trinity Western University, Langely, British Columbia, June.
- Bratton, S.P., 2000, Religion and ecology, *Templeton Foundation Conference on Science and Religion*, Oakland, CA, June. (Poster)
- Bratton, S.P., 2000, Is “waste not want not” an adequate ethic for by-catch? *IFET (International Fisheries Economics Conference)*, Corvallis, OR, July.
- Bratton, S.P., 2000, What is ecotheology? *IFET (International Fisheries Economics Conference)* – Corvallis, OR, July.
- Bratton, S.P., 2000, Religion and fisheries decline in Ireland, *IFET (International Fisheries Economics Conference)*, Corvallis, OR, July,
- Bennett, Jennifer, and S.P. Bratton, 2000, Fishers attitudes towards the ethics of marine science. M.J. Murdock Trust Undergraduate Research Conference, University of Puget Sound, October. (Poster)
- Johnson, Erin, Krista Henning, and S.P. Bratton, 2000, The ethics of lobstering. *M.J. Murdock Trust Undergraduate Research Conference*, University of Puget Sound, October. (Poster)

PRESENTATIONS, MODERATOR, 2000 to present

- Bratton, S.P., 2009, Wordwise: Ecology and stewardship, PBS radio. November.

- Bratton, S.P., 2009, Session moderator, Christians, Modernity and Pluralism, in *Secularization and Revival: The Fate of Religion in Modern Intellectual History: Third Annual Symposium on Faith and Culture*, Baylor University, Waco, TX
- Bratton, S.P., with Club ECO, 2009, Environmental Science and Soil and water conservation, Baylor Boy Scout Merit Badge College. October.
- Bratton, S.P., 2009, Managing Historic Landscapes, Independence Historical Society, Independence, TX, February.
- Bratton, S.P., 2008, Ecology of the Brazos River Corridor – Public meeting for the Brazos and Bosque Corridor project – Civic Center, Waco, TX, November.
- Bratton, S.P., 2008, Seeking Clean Water, in *Bottom Up Approaches to Global Poverty: Appropriate Technology, Social Entrepreneurship, and the Church, Second Annual Symposium on Faith and Culture*, Baylor University, Waco, TX, October. (Moderator)
- Bratton, S.P., 2008, The Episcopal Church in America (Three sessions), Holidays: All Saints Day/Dia de Los Muertos, Roots of Pentecost, St. Paul’s Episcopal Church, Waco, October through November.
- Bratton, S.P. 2008, Creation in Christian Art, St. Paul’s Episcopal Church, Waco, TX, January.
- Bratton, S.P., 2007, Creation in Christian Art, Collegiate Metropolitan Collegiate Church, New York, NY, July.
- Bratton, S.P., 2005, Five lectures on Celtic Christianity – Continuing Studies, Baylor University, October.
- Bratton, S.P. 2004, Series of presentations on Christianity, wilderness and art, Houghton College, Starlake Program in the Adirondacks, September.
- Bratton, S.P., 2004, Fisheries and communities, Baylor University Continuing Education, Columbus Ave. Baptist Church, March.
- Bratton, S.P., 2003, Wildlife of the Southern Appalachians: A response to a Barbara Kingsolver novel, Black Madonna Reading Group, Waco, TX, April.
- Bratton, S.P., 2003, Progress in Christianity and the Environment, Keynote: Seattle Pacific University, Seattle, WA, May.
- Bratton, S.P., 2003, The precautionary principle and the Book of Proverbs, Seattle Pacific University, Seattle, WA, May.
- Bratton, S.P., 2003, The precautionary principle and the Book of Proverbs, lessons for ocean fisheries, University of Seattle, Seattle, WA, May.
- Bratton, S.P., 2003, Disturbance and ecosystem management: Christian Environmentalism With/without Boundaries, Calvin College, Grand Rapids, MI, July.
- Bratton, S.P., 2003, Panarchy, Christian Environmentalism With/without Boundaries, Calvin College, Grand Rapids, MI, July.
- Bratton, S.P., 2002, Christians and environmental studies, Crane Scholars, Baylor University, Waco, TX, October.
- Bratton, S.P., 2002, Environmental Studies at Baylor University, *Consortium of Environmental Studies Programs*, Wrigley Marine Laboratory, Santa Catalina Island, CA, November. (Poster)

- Bratton, S.P., 2001, Impacts of forest disturbance on salamanders and understory herbs, Baylor University, Waco, TX, February.
- Bratton, S.P., 2001, Finding Christ in the Oceans and Atmosphere, Keynote: Hope College, Critical Issues Symposium: Earth Matter: Daily decisions, Environmental Echoes, October.
- Bratton, S.P., 2001, Peter was a Fisherman too: The Christian Voice in Coastal Management, Focus Session: Hope College, Critical Issues Symposium: Earth Matter: Daily decisions, Environmental Echoes, October.
- Bratton, S.P., 2000, The ethics of commercial fishing (& short presentation on herb diversity), Dept. of Environmental Studies, Baylor University, Waco, Texas, May.

PROFESSIONAL MEETINGS AND OFF-SITE TRAINING 2001-present

- Oct. 2010 – Hungry for Justice, Baylor Poverty Initiative, Baylor University – Waco, TX
- Oct. 2009 – Secularization & Revival, Baylor Symposium on Faith and Culture – Waco, TX.
- Sept. 2009 – National Woman’s Leadership Energy Forum – News Orleans, LA
- Feb. 2009 – EduCause annual meeting, Orlando, FL
- July 2006 – SACS Institute on Assessment in Higher Education – Orlando, FL
- June 2005 – Metanexus Conference – Philadelphia, PA
- March 2003 – National Science Foundation, Grants Training, San Antonio, TX
- April 2002 – Chairing the Academic Department – San Antonio, TX

PUBLISHED ABSTRACTS AND POSTERS – prior to 2000

- Bratton, S.P., 1999, Anti-Semitism and environmental racism in Nazi film, *American Academy of Religion Annual Meeting*, Boston, MA, November.
- Bratton, S.P., 1999, Irish nationalism and redaction of Lady Gregory’s *Book of Saints and Wonders*, *Pacific Northwest Regional American Academy of Religion*, Seattle, WA, May.
- Bratton, S.P., 1999, Christianity and wilderness, *Am. Soc. Foresters*, Portland, OR, September.
- Bratton, S.P., 1999, The ethics of commercial fishing, *Am. Soc. Foresters*, Portland, OR, September.
- Lowe, Libby, Shawn Hinz and SP Bratton, 1999, Impacts of tourism on perceptions of wildlife among Irish commercial fishers, M.J. Murdock Trust Undergraduate Research Conference, Linfield College, McMinnville OR, Nov. 1999. (Poster)
- Bailey, Chrissy. and SP Bratton, 1999. Sedimentation impacts on the living area of a coral reef at Hanauma Bay, Hawaii. M.J. Murdock Trust Undergraduate Research Conference, Linfield College, McMinnville OR, Nov. 1999. (Poster)
- Steele, Dan, Chanda Johnson, and SP Bratton, 1999. Flight and return of fish of fish to the coral reef surface in response to human swimmers and waders. M.J. Murdock

- Trust Undergraduate Research Conference, Linfield College, McMinnville OR, Nov. 1999. (Poster)
- Guertin, Cindy and SP Bratton., 1999, The distribution of blue-eyed grass relative to canopy opening and soil depth on burned and unburned sites. *M.J. Murdock Trust Undergraduate Research Conference*, Linfield College, McMinnville OR, Nov. 1999. (Poster)
- Moyer, Carrie, Kathryn Lowe and SP Bratton, 1999, Tourist interaction with marine environments, Kilronan and Galway City, Ireland. *M.J. Murdock Trust Undergraduate Research Conference*, Linfield College, McMinnville OR, Nov. 1999 (Poster)
- Bratton, S.P. and Shawn Hinz. 1998. Religion and the ethics of commercial fishing in Ireland and the Pacific Northwest regions, *American Academy of Religion Annual Meeting*, Orlando, FL, November.
- Bratton, S.P., 1998, Christian response to changes in global ecosystems: The case of fisheries decline and the application of econormative ethics, *The Church and the World in a New Century: Faith and Responsibility in a Global Future*, Princeton Theological Seminary conference with World Vision, October. (Session leader)
- Bratton, S.P., 1998, Roots of environmental racism: environmental anti-Judaism in Christian art, *Proc. Pacific Northwest American Academy of Religion*, University of Portland, Portland, OR, May.
- Olah, Andrea, SP Bratton and Jeff Powers, 1998, Debris survey of Washington and Oregon beaches, *Murdock undergraduate science meeting*, Nampa ID, November. (Poster)
- Powers, Jeff, and SP Bratton, 1998, Fire impacts on the understory of a ponderosa pine forest, *Murdock undergraduate science meeting*, Nampa, ID, Nov. 1998. (Poster)
- Bratton, S.P. and A.J. Meier, 1997, Disturbance Dynamics of the Chattooga River Watershed, *Southern Appalachian Botanical Society Annual Meeting*, April. (Invited)
- Meier, A.J. and S.P. Bratton, 1997, Disturbance and the distribution of vernal herbs in the Southern Appalachians, *Southern Appalachian Botanical Society Annual Meeting*, South Carolina, April.
- Hinz, Shawn and S.P. Bratton, 1997, Ethical priorities of commercial fishing communities: economy, ecology and safety, *AAAS Pacific Northwest Region Annual Meeting*, June.
- Bratton, S.P., 1997, Selection for natural features in Irish pilgrimage sites, *Natural Areas Assoc.*, Portland, OR, August..
- Engjker, Nate, Jason Fligor, Bill Kaufold, Dean Rocco, and Susan Bratton, 1997, Distribution of vernal flowering herbs on burned and other disturbed sites in Riverside State Park, WA, *AAAS Pacific Northwest Region*, June. (Poster)
- Olah, Andrea, Jennifer Dahm, Lydia Dobrovolny, Robin Kolb and Susan Bratton, 1997, Herbaceous understory composition following crown fire in *Pinus ponderosa* forest along the Spokane River, WA, *AAAS Pacific Northwest Region Annual Meeting*, June. (Poster)

- Olah, Andrea, Jason Fligor, Lydia Dobrovolny, Jennifer Dahm and Susan Bratton, 1997, Impacts of fire in Riverside State Park on understory herb regeneration, *Natural Areas Association Annual Meeting*, August.
- Hinz, Shawn and S.P. Bratton, 1997, Ethical priorities of commercial fishing communities: economy, ecology and safety, *Murdock Trust Undergraduate Science Meeting*, Portland, OR, October. (Poster)
- Andrea, Olah, Lydia Dobvorvolny, Dean Rocco, and SP Bratton, 1997, Regeneration of ponderosa pine forest after wildfire, *Murdock Trust Undergraduate Science Meeting*, Portland, OR, October. (Poster)
- Fligor, Jason, Nate Engjker, Bill Kaufold, and Susan Bratton, 1997, Distribution of vernal flowering herbs on burned and other disturbed sites in Riverside State Park, WA, *Murdock Trust Undergraduate Science Meeting*, Portland, OR, October. (Poster)
- Billingsly, K., C. Henry, S. Fuller, and SP Bratton, 1997, The fire history of Riverside State Park, *Murdock Trust Undergraduate Science Meeting*, Portland, OR, October. (Poster)
- Meier, A.J. and S.P. Bratton, 1996, Gradients of disturbance in the Southern Appalachians, *Ecological Society of America Annual Meeting*, August.
- Johnson, Greg and S.P. Bratton, 1996, Impact on aluminum plant effluents on the vegetation of north Spokane, *Murdock Trust Undergraduate Science Meeting*, November. (Poster)
- Johnson, Greg and S.P. Bratton, 1996, Impact on aluminum plant effluents on the vegetation of north Spokane, *Murdock Trust Undergraduate Science Meeting*, November. (Poster)
- Meier, A.J., S.P. Bratton and D.C. Duffy, 1995, Possible ecological mechanisms for loss of vernal herb diversity, *Ecological Society of America Annual Meeting*, August.
- Bratton, S.P. 1994. Penning the goring bull: Christian ethics and pollution, *SBL and AAR Southwestern Division, Annual Meeting*, Dallas, TX, March.
- Bratton, S.P., 1994, Christians and population ethics, *INTECOL*, Manchester, England, August.
- Johnson, B.R. and S.P. Bratton, 1993, Habitat heterogeneity plays a major role in coexistence of rare herbs in high montane rock outcrop community, *Ecological Society of America*, August.
- Duffy, D.A., A. Meier and S.P. Bratton., 1993, Herb layer diversity in managed southern Appalachian forest, *Ecological Society of America Annual Meeting*, August.
- Bratton, S.P., 1993, Limits of change, environment and human values, *Conf. on Northern Protected Areas*, Canada: Whitehorse, Yukon, November.
- Bratton, S.P., 1993, A Christian appreciation of the implications of A.J. Heschel's thought for environmental ethics, *Association of Jewish Studies*, Boston, December.
- Hapeman, J., S.P. Bratton, A. Mast, 1992, Vernal herb diversity in the Susquehanna River Gorge, *Society for Conservation Biology Annual Meeting*, June.

- Meier, A.J. and S.P. Bratton., 1992, Distribution of exotic plants on the Blue Ridge Parkway. *Society for Conservation Biology Annual Meeting*, June.
- Dutt, A. and S.P. Bratton, 1992, Recovery of horse and deer exclosures on Cumberland Island, *Ecological Society of America Annual Meeting*, August.
- Bratton, S.P, 1991, Restoration alternatives and ecosystem health, *American Association for the Advancement of Science*, Washington, DC, February. (Symposium presentation)
- Bratton, S.P. 1991, Impacts of burning, salting, and cutting on four coastal plant communities at Cape Hatteras National Seashore, *Society for Ecological Restoration Annual Meeting*, May.
- Bratton, S.P. 1991, Ecological concerns in the restoration of historic landscapes, *Society for Ecological Restoration Annual Meeting*, May.
- Goodloe, R., R.J. Warren, E.G. Cothran, S.P. Bratton and K.A. Trembicki, 1990, Genetic management of feral horses on four eastern U.S. barrier islands, *American Society of Mammalogy Annual Meeting*, Frostburg, MD, June.
- Bratton, S.P. and Ian J.W. Firth, 1989, The historic landscape in the United States and Britain, perceptions of the past in relation to environmental management, *Solving Environmental Problems: The Past as Prologue to the Present*. Evergreen State College, Olympia, WA, April.
- Bratton, S.P., 1989, Historic structures in high fire risk areas: Should we landscape our fuel breaks? *Tall Timbers Fire Ecology Conference*, Tallahassee, FL, May.
- Bratton, S.P., 1989, Isolation, stress and spiritual vision: Wilderness experience in Genesis and Exodus, *Solving Environmental Problems: The Past as Prologue to the Present*, Evergreen State College, Olympia, Washington, April.
- Bratton, S.P., 1987, The original desert solitaire: Early Christian monasticism and wilderness values. Abstract: *Forest History Society*, Duke University, NC, April.
- Bratton, S.P., 1987, Wild nature and land ethics, *AuSable Forum*, Mancelona, MI, August.
- Bratton, S.P., 1987, Impacts of experimental poaching on pink lady slipper, *Cypripedium acaule*, and on common wood violet, *Viola papilionacea*, *Association of Southeastern Biologists*, Athens, GA, April.
- Bratton, S.P. and K. Davison, 1986, Disturbance dynamics of maritime forests. *Barrier Islands of the Southeastern United States, Symposium at the 47th Annual Meeting of the Association of Southeastern Biologists*, Columbia, SC, April, *ASB Bull.* 33(3):102.
- Bratton, S. P., 1983, Human impacts and the population structure of two woodland orchids, *Bulletin of the Ecological Society of America*, August.
- Bratton, S. P., 1983, The structure and function of a U.S. National Park Service Cooperative Studies Unit, *Chattahoochee River Res./Resource Management Conference, Second Annual Meeting*.
- Bratton, S. P., 1982, Effects of exotic species in ecosystems of U. S. National

Parks, *American Association for the Advancement of Science* 148:62.
 Lindsay, M. M. & S. P. Bratton, 1978, Grassy balds of the Great Smoky
 Mountains: Their history and flora in relation to potential management,
Bulletin of the Ecological Society of America 59:104.

ABSTRACTS NATIONAL PARK SERVICE MEETINGS, 1975 to 1990

Conference on Scientific Research in the National Parks

Proceedings of the First Conference, November 1976

Johnson, W. C. & S. P. Bratton. Biological monitoring, UNESCO
 Biosphere Reserves, with species reference to the Great Smoky Mountains
 National Park. p. 224.

Bratton, S. P. The impact of the European wild boar on native plant
 communities in Great Smoky Mountains National Park. p. 216.

Proceedings of the Second Conference, San Francisco, November 1979

Bratton, S., Mathews, R. & P.S. White. Cades Cove, an overview, the
 impacts of an agricultural area within a natural area.

Whittaker, P. & S.P. Bratton. Horse trampling impacts in Great Smoky
 Mountains National Park.

Proceedings of the Fourth 1986 meeting, Fort Collins, CO

Bratton, S. P. & K. Davison. The disturbance history of Buxton Woods,
 Cape Hatteras National Seashore, North Carolina.

Absher, J.D. and S.P. Bratton. Campground capacities and conflict at
 Cumberland Island.

Proceedings of the Fifth, 1989 meeting, Tucson, AZ

Bratton, S.P. The history of overwash, fire and agriculture on the Atlantic
 coastal barrier islands: Implications for contemporary management.
 Presented in "Management of Ecosystems in the Face of Persistent
 Ecological Change,"

Bratton, S.P. The impacts of experimental poaching on two woodland herbs.

Annual Scientific Research Meeting, Uplands Areas Southeast Region,

Proceedings of the First Annual Meeting, June 6-7, 1975

Bratton, S. P. & T. D. Howe. Rare and endangered plant species and woody
 exotics problems in species distributions.

Howe, T. D. & S. P. Bratton. Winter rooting activities of European wild
 boar.

Proceedings of the Second Annual Meeting, June 17-18, 1976

Bratton, S. P. Uplands Field Research Laboratory Progress Report. p. 15.

Bratton, S. P. Progress in wild boar research. pp. 22-23.

Bratton, S. P. Resource division in understory herb communities. p. 36.

Hickler, M. & S. P. Bratton. Erosion and vegetation damage associated with
 trails and campsites in Great Smoky Mountains National Park. p. 12

Proceedings of the Third Annual Meeting, June 23-24, 1977

Bratton, S. P. Uplands Field Research Laboratory Progress Report. p. 1

Bratton, S. P. Patterns of campsite damage and trail erosion in Great Smoky

Mountains National Park. p. 9.

Proceedings of the Fourth Annual Meeting, June 16-17, 1978

Stromberg, L., Magistrale, C. & S. P. Bratton. Human impacts on backcountry campsites: canopy opening, tree damage, and wood removal. p. 46.

Bratton, S. P. Rare and endangered plant status report. p. 46.

Bratton, S. P. The status of the vegetation survey. p. 46.

Proceedings of the Fifth Annual Meeting, June 21-23, 1979

Bratton, S. P. Impacts of deer and cattle on the vegetation of Cades Cove. p. 21

Bratton, S. P., Mathews, R. C. Jr. & P. S. White. Impacts of an agricultural area within a natural area. p. 21.

Bratton, S. P. & P. S. White. After preservation: Managerial issues concerning rare plants in Great Smoky Mountains National Park. p. 32.

Proceedings of the Sixth Annual Meeting, June 27-28, 1980

Bratton, S. P. Historic vegetation survey of Fort Frederica National Monument. p. 27.

Bratton, S. P. Resource management problems in arid western parks. p. 28.

Proceedings of the Seventh Annual Meeting, June 25-26, 1981

Mack, A. & S. P. Bratton. Patterns of scientific research in National Park Service Biosphere Reserves. p. 17.

Bratton, S. P. Fires east and fires west: ecology and management. p. 34.

Horst, K. & S. P. Bratton. Human predation on two orchid species. p. 35.

Proceedings of the Eighth Annual Meeting, June 24-25, 1982

Bratton, S. P. Human impact on two woodland orchid species in Great Smoky Mountains National Park.

Bratton, S. P. Fires east and fires west: adapting U.S. National Park Service fire management policy to local fire regimes and environmental conditions.

PRESENTATIONS – 1995-2000

Bratton, S.P., 1999, Oceanic fisheries decline and Christian ethics, Westmont College, Santa Barbara, CA, September.

Bratton, S.P., 1999, Roots of environmental racism: Gothic views of nature and anti-Semitism, Westmont College, Santa Barbara, CA, September.

Bratton, S.P., 1999, The future of forest monitoring, Southern Appalachian Forest Coalition, Asheville, NC, October.

Bratton, S.P., 1999, Ethical change in response to fisheries decline in the Republic of Ireland, Whitworth College, Faculty Scholarship Forum, November

Bratton, S.P., 1998, Not prophets but deacons, *Ecology and Christianity* conference School of World Religions, Harvard University; Response to Dan Maguire of Marquette University, April.

Bratton, S.P., 1998, Ecology and Globalization, *The Church and the World in a New Century: Faith and Responsibility in a Global Future*, Princeton Theological Seminary conference with World Vision, October. (Session leader)

- Bratton, S.P., 1998, Penning the goring bull, Biblical ethics and containing pollution, Environmental Forum for Business, Inc., Spokane, WA, October. (In a panel discussion on business ethics)
- Dec. 1998 – Environmental Graduate Student Track, “*Shaping our World*” Conference, Intervarsity, Chicago Hilton, Chicago, IL. (Mentor)
- March 1997, “Roots of environmental racism,” and “Penning the goring bull,” Calvin College, Environmental Seminars, Grand Rapids, MI
- June 1997, “Towards a dialog between ecology and religion,” Templeton Foundation, Graduate Theological Union, Berkeley, CA
- Bratton, S.P., 1997, Christian roots of environmental racism, Whitworth College, Faculty Research Seminar, September.
- Bratton, S.P., 1997, A convocation presentation, Wilderness spirituality,” and a workshop, Christian ethics and population growth,” Protestant Episcopal Seminary of Virginia, Alexandria, VA. (Co-presenter with James Nash)
- Bratton, S.P., 1997, The natural Aryan and the unnatural Jew, University of Texas, Dallas, November.
- Bratton, S.P., 1996, Population, consumption and environment, World Vision Conference for Women, Reston, VA
- Bratton, S.P., 1996, Yale School of Forestry – Religious Environmental Ethics Panel, Yale School of Forestry, New Haven, CN, February.
- Bratton, S.P., 1996, Christians and population regulation, Green Cross, Western Washington University, Bellingham, WA, February.
- Bratton, S.P., 1996, Swim with the Salmon, Campus Ministries, University of Oregon at Corvallis, March.
- Bratton, S.P., 1996, Christianity and population, Biology seminars, University of Montana at Missoula, April.
- Bratton, S.P., 1996, Trends in Christian environmental ethics, National Religious Partnership for the Environment, Greensboro, NC, May.
- Bratton, S.P., 1996, Christian ethics and population, Undergraduate symposium on the environment, Student Environmental Association, retreat in the Sierras, CA, August.
- Bratton, S.P., 1996, Risk, population, and reflexive modernity, Christian College Coalition, Gloucester, MA, October.
- Bratton, S.P., 1995, Diversity of understory herbs in the Susquehanna River gorge, Biology seminars, University of Montana at Missoula, April.

SEE END OF CV FOR PRE-1995 PRESENTATIONS

V. AWARDS AND ACHIEVEMENTS

HONORS AND AWARDS - PERSONAL

Personal

Book on display in Sixteenth Baylor Creations exhibit, April 2010

Book on display in Fourteenth Baylor Creations exhibit, March 2008

Summer Scholar Award for Vermont Law School (with summer residence on campus), July 2008

Book on display in Baylor Twelfth Annual Creations Exhibit, March 2006

Senior author Undergraduate Environmental SACS Report 2007 – Exemplary rating

Senior author Graduate Environmental SACS report 2007 - Exemplary rating

Senior author of winning all Baylor University Quality Enhancement Proposal, on forming a program to stimulate undergraduate research – 2006

Top Five Courses in Environmental Science/Studies – 2003, 2004, 2005, 2006, 2007

Episcopal Communicators (1998) – The Polly Bond Award of Excellence

For photographic essay in *Virginia Seminary Journal*

University of Texas (1997) - Distinguished Pass, Dissertation Defense

University of Texas (1996) - Distinguished Pass, Admission to Candidacy

National Park Service Special Achievement Award (1991) - for administration of science projects, cash award

National Park Service Special Achievement Award (1987) - for planning of the Cumberland Sound monitoring program, cash award

National Park Service Training Commendation (1987) - for design of field exercises and lectures for a course in Historic Landscape Management

National Park Service Special Achievement Award (1986) - for design of a national resource management training program, cash award

US-USSR Scientific Exchange, Man and the Biosphere Program, (1982)

Men and Women of Distinction

Who's Who of American Women

International Who's Who of Women

Fulbright Fellowship Finalist (1976) (declined Fellowship)

Phi Kappa Phi

Degree with honors, Barnard College (1970)

Cornell University Fellowship (1970-1971)

HONORS AND AWARDS – SUPERVISION OF STUDENTS

Regional student awards

Shawn Hinz, paper awards “Religion and the ethics of commercial fishing in Ireland and the Pacific Northwest regions,” Weyerhauser Competition for History of Protestantism in the Pacific Northwest, July 1999, cash award

Bret Stephenson, second place, best paper competition, “Martin Luther’s concept of sin’s impact on nature and the unlanding of the Jews,” Pacific Northwest Region of the American Academy of Religion, May 1999

Supervision of students

Andra Nava and Marcus Keck, best undergraduate poster, The Effects of invasive non-native woody species on regeneration of native oak species of Cameron Park,

- Waco, TX Scholars Week 2011, Baylor University.
- Pam Johnson, science writing award, Conservation Biology paper, "Exploring the effects of vasectomies on male gray wolves in displays of dominance and as a possible means of population control: a preliminary report," Whitworth College, 2000-2001
- Shawn Hinz, science writing award, "The ethics of commercial fishing" Whitworth College, 1997-1998
- Gregory Johnson, senior author of pollution poster, NSF fellowship for graduate study in botany, Arizona, 1997-1999
- Andrew McFarland, science writing award (cash), Conservation Biology paper, Whitworth College, 1995-1996
- Jeff Hapemann and Austin Mast co-authors on *Conservation Biology* paper, NSF fellowships to University of Wisconsin Botany Dept., 1993-1994
- Bart Johnson, American Society of Landscape Architects, student design award for proposal for overlook at Craggy Gardens, 1991

ADMINISTRATIVE ACHIEVEMENTS

- Serving as department chair for Environmental Science, during a period of laboratory expansion, from 900 research square feet to an entire wing with over 6000 square feet, and leading an increases in departmental publication rates from .2 per year, to over 3 per year per tenure track, doubling tenure track faculty numbers
- Participating in establishment of cooperative research program for Ecology, Earth and Environmental Science at Baylor University, initiated in 2002, and accepting PhD students in fall 2009.
- Leading establishment of Uplands Field Research Laboratory, Great Smoky Mtns. National Park. Brought program from one staffer and \$15,000 to eight government employees, over twenty students and \$300,000 in funding in three years (1970s dollars – roughly \$1.3 million today)
- Authorship of the first scientific research prospectus for Great Smoky Mountains National Park
- Structuring of an scientific affirmative action program with high levels of participation by women and minorities
- Supervision of the first assessment of handicapped accessibility in the Great Smoky Mountains National Park
- Initiation (with Ray Herrmann) of the managerial publication series, *Research/Resources Management Reports*, which now has over 90 numbers.
- Planning of a Biosphere Reserve and monitoring program for Great Smoky Mountains National Park
- Establishment of an annual scientific meeting for the Uplands parks
- Revision of U.S. National Park Service Cooperative Park Studies Unit at the University of Georgia, including an over ten fold increase in funding.
- Initiation of a publication series at the University of Georgia (*NPS-CPSU Technical Reports*), which now comprises 60 documents
- Assisting Cumberland Island National Seashore with the establishment of a field laboratory, now continually used by graduate students
- Assisting Cape Hatteras National Seashore with the establishment of a field

laboratory, in use since summer of 1988
 Constructing a proposal, with Robert Dolan, for a monitoring program for
 impacts of the Naval Submarine Base, Kings Bay, on Cumberland Island
 National Seashore

EDUCATIONAL ADMINISTRATIVE ACHIEVEMENTS

Participation in a successful Engaged Learning Group proposal and initiation of the
 project in Fall 2010
 Design of an interdisciplinary B.A. major, Environmental Studies, Baylor
 University, approved 2007
 Design of a B.S. major, Environmental Sciences, Baylor University, approved 2003
 Participation in funded strategic plan for Environmental Health Degree Programs,
 Baylor University, approved 2007
 Participation in funded strategic plan for PhD program in Environmental, Ecological
 and Earth Science, Baylor University, approved 2007
 Author (with team) of funded QEP proposal, for Engaged Learning Groups and
 Undergraduate Initiative, Baylor University, approved 2007
 Design of environmental sciences major for Messiah College, program has been
 very successful
 Design of field research course for undergraduates, Whitworth College
 Design of environmental studies minor, Whitworth College
 Establishment of an exceptionally productive student and volunteer program for
 Uplands Laboratory, TN
 Major expansion of student participation in National Park Service Georgia Coop
 Exceptional participation of minority and female students in field programs
 Exceptional publication rate for women working at Uplands Laboratory and the
 Georgia Coop
 Supervision of numerous undergraduate students on field projects, a number of
 which have resulted in either technical or journal publication
 Author of two student handbooks for field work in parks
 Article on using students and volunteers productively in field work
 Participation in the University of Georgia Marine Sciences REU program
 for undergraduates
 Participation on USNPS task force developing resources management trainee
 program
 Design of preliminary handouts and initial coordination of courses for National Park
 Service Resources Management Trainee Program (1984-1986).
 Participation on task force designing wildlife capture and immobilization course for
 Albright Training Center, Grand Canyon
 Design of field laboratories for historic landscape management course
 (Received certificate of commendation)

VI. ADMINISTRATIVE AND SERVICE

ADMINISTRATIVE SERVICE, BAYLOR UNIVERSITY, 2001 to present

Director of URSA – Undergraduate Scholarly Research and Achievement,

Chair of Environmental Science/Studies, 2001-2011

Graduate Director of Environmental Studies, 2001-2005

Undergraduate Director of Environmental Studies/Science, 2001-2005, 2006-present

Faculty Affiliate – Institute for Study of Religion

Advisory boards and all campus committees - Baylor University

Faculty Advisory Board, Baylor Poverty Initiative 2010-present

URSA faculty committee (Undergraduate research) 2007-present

All University Strategic Themes Committee 2010-2012

Educational Technology Committee 2009-present

Search committee, Director of Faith and Learning, 2009-2010

Advisory Board for the Institute of Faith and Learning 2003—present

Honorary degrees committee 2005-2009

Search Committee – Director of Campus Living and Learning 2008

Summer School development committee 2006-2007

SACS QEP development – 2005-2007

CRIAD 2001-2004

Search committee, Director of Faith and Learning, 2002-2004

Chair, Academic Integrity Committee 2003-2004

Faculty compensation committee, 2002-2003

All campus service

Judge graduate teaching awards 2012

New faculty mentor, L. Davita, 2002-2003

New faculty mentor, B. Stephenson, 2003-2004

Presentation on science, New faculty seminar, 2003

NATIONAL BOARDS AND PANNELS

Advisory boards

Dialog on Science, Ethics and Religion, Advisory Board, American Association for the Advancement of Science, 2002-2007

Blue Ribbon panel for Ausable Institute, review of programs, March 2003

Editorial boards

Editorial board, *Environmental Practice*; 1999 – 2010

Editorial board, *Green Cross*, 1993-1998

Editorial board, *The Environmental Professional*, 1990-1995

Editorial board, *Environmental Ethics*, 1988-1994

Edited first numbers of Southeast Region, Research and Resources Management Series, 1975-1978

NPS-CPSU Technical Reports, Institute of Ecology, University of Georgia - edited entire series, from No. 1 to No. 60, 1981-1991

VII. PROFESSIONAL SOCIETIES AND REVIEWING

SERVICE AS REVIEWER

Degree program reviews

University of Tennessee Chattanooga, B.S. Biology, B.S. Environmental Science, M.S. Environmental Science, March 29-30, 2012

Referee or advisor – books

State University of New York Press, Yale University Press, Blackwell Scientific, Island Press, Westminster/John Knox, University of Virginia Press, University of Georgia Press, University of Pittsburgh Press

Referee – journal, technical reports

Journal for the Study of Religion, Nature and Culture, Journal of Coastal Research, PlusOne, Ecosystems, Ecology, Environmental Ethics, Worldviews, Environmental Management, The Environmental Professional, Journal of Environmental Management, Conservation Biology, Coastal Management, Natural Areas Journal, Bulletin of the Torrey Botanical Club, Environmental Practice, Pacific Northwest Science, American Journal of Botany, Journal of Wildlife Management, American Naturalist, Castanea, Biological Conservation, Restoration and Management Notes, Vegetatio, Bioscience, Journal of Church and State, Australian Religion Studies Review, Christian Scholars Review, Ecosystem Management, U.S. Forest Service, Man and the Biosphere Program, U.S. National Park Service

Referee or advisor – proposals

National Science Foundation (Ethics and Values), PEW Foundation Referee or advisor – proposals, National Science Foundation (Ecology, Facilities), U.S. National Park Service, U.S. Forest Service, Man and the Biosphere Program, *Earthwatch*, National Geographic Society, Baylor URSA grant

PROFESSIONAL SOCIETIES

Professional societies/environmental organizations

Torrey Botanical Club (life member)
Southern Appalachian Botanical Club (life member)
Ecological Society of America (life member)
Society for Conservation Biology (life member)

Membership in professional societies – ethics/religion

American Academy of Religion
American Society for Environmental History

Service Organizations

Board, The Krista Foundation, 1999 – 2001
AuSable Institute representative, Whitworth College, 1996-2001

Offices and appointments

Judge – Graduate and undergraduate paper competition – Pacific Northwest AAR – 1999-2001
Research panel of the University of Georgia self-study committee, 1989

Review panel for special achievement awards in National Park science, 1989
 Board of Directors, George Wright Society (for park resources managers and scientists), 1989
 Board of Directors, Tennessee Native Plant Society, 1978-1979

VIII. GRANTS AND CONTRACTS

SEE BOOK PUBLICATIONS FOR STATUS OF BOOK AND MANUAL CONTRACTS

GRANTS AND CONTRACTS (since 1995)

- Submitted Oct. 2011/awarded/ Christian Practical Theology and the Design and Management of Green Space: From Church Lawns to Megachurch Campuses, one semester salary to Baylor University
- Submitted Nov. 2011/not funded/ Prayer in Natural Settings: Contributions To Outdoor Experience and Environmental Ethical Behavior, with Christopher J Wynveen, \$149,900
- Submitted Oct. 2011/not funded/ fellowship proposal: Design and Management of Green Space: From Church Lawns to Megachurch Campuses, to Dumbarton Oaks, summer fellowship.
- Submitted May 2010/not funded/Baylor Community Garden/Clinton Global University Initiative – with Rosemary Townsend and Michael Hannon - \$10,000
- Submitted Oct. 2009/funded/ Baylor ELG on Animals and Human Society – Heidi Marcum, PI, with Lynne baker and Brad Bolen, \$53,000
- Submitted May 2009/not funded/ \$109,000 – National Science Foundation – PI with Heidi Marcum, Teaching introductory Environmental Science Using Wed-based Multimedia Research Modules
- Submitted March 2009/funded/\$5,000 – Metanexus renewal– PI with Gerald Cleaver, Local Societies Initiative, The Baylor Society for Conversations in Religion, Ethics and Science
- Submitted Dec. 2007/funded/\$15,000 – Metanexus renewal– PI with Gerald Cleaver, Local Societies Initiative, The Baylor Society for Conversations in Religion, Ethics and Science
- Submitted May 2007/awarded/\$12,900 - Glasscock Endowment, PI - Oaks of Independence: An Environmental History Study of Baylor University's Original Site and the Potential Surrounding Historic District
- Submitted October 2007/ awarded/\$1800 - URSA, Baylor University - Privet Invasion and Control in Cameron Park
- Submitted May 2005/awarded/ \$4000 – Glasscock Endowment – PI, Conservation of Floodplain and Mesic Hardwood Forests in Cameron Park, Waco, Texas
- Submitted May 2005/awarded/\$4000 – Glasscock Endowment – PI, Manual on the Ecology of Cameron Park and Heart of Texas Woodlands and Prairies: An Environmental Education Project
- Submitted May 2005/not funded, resubmit/\$7,000 – Glasscock Endowment – PI, Forests Fragments in an Agricultural Matrix: Can Forest Floor Specialist

- Species, such as Native Spring Wildflowers, Recover from Disturbance and Isolation?
- Submitted Feb. 2005/not funded, resubmit/ \$10000 – Metanexus – PI with Gerald Cleaver, The Baylor Society for Conversations in Religion, Ethics and Science: The Ethics of Pharmaceuticals in Waste Water
- Submitted Dec. 2004/funded/\$15,000 – Metanexus – PI with Gerald Cleaver, Local Societies Initiative, The Baylor Society for Conversations in Religion, Ethics and Science
- Submitted Sept. 2004/prepare for resubmit/\$264,000 – NSF REU – PI, Ecology and management of aquatic systems in Texas and Mexico
- Submitted Dec. 2003/not funded/\$90,000 – NSF CCLI – senior PI, Bryan Brooks with Peter van Walsum – Instrumentation for undergraduate environmental analytical laboratory
- Submitted Dec. 2002/not funded/\$120,000 – NSF CCLI - senior PI, Bryan Brooks with Peter van Walsum – Instrumentation for undergraduate environmental analytical laboratory
- Submitted October 2002/awarded/\$5000 – Baylor Horizons Grant – Christian Environmentalism With/Out Boundaries
- Submitted March 2002/not funded/ \$150,000 – Templeton Foundation – Project on pilgrimage and the environment
- Submitted October 2001/funded/\$15,600 – CCCU Networking Grant (through Kings and Calvin Colleges) – Sponsorship for Environmental Seminar at Calvin College
- Submitted Dec. 1999/funded/\$10,000 – Templeton Foundation – Course in Ecology and Religion:
- Submitted Nov. 1999/not funded/\$19,200 – EPA /Whitworth – Environmental Education Program for Implementation on Charter Fishing and Whale Watching Vessels
- Submitted Dec. 1998/funded /\$29,900 -NSF -"POWRE: Ethics of commercial fishing" to begin March 2000
- Submitted Feb. 1998/funded/\$750 – Whitworth College faculty research grant
- Submitted Jan. 1998/not funded/\$27,000 – NSF - plan to resubmit, "Undergraduate field course in cross-cultural environmental ethics"
- Submitted July 1997/funded /\$500,000/ Murdock Foundation –
Science building renovation, not a P.I., one of research resumes attached
- Submitted June 1996/funded/\$630,000 - NSF - Science building renovation, not a P.I., authored short section and one of eight resumes showing research activity
- Submitted Jan. 1996/funded/\$225,000 - Murdock Foundation - Science faculty development, P.I. on entire proposal, individual subproject, \$36,000 "The ethics of commercial fishing communities and ecosystem productivity"
- Submitted May 1996/funded/\$900 - Whitworth College - "The natural Aryan and the unnatural Jew, race and the environment in Nazi film" (Project completed)
- Submitted Sept. 1995/funded/\$1350 - PEW - "Participation in Christian College Environmental Stewardship Initiative" (Project completed)

Submitted Nov. 1996/funded/\$3986 - Campus Compact - Fire ecology in Riverside State park - P.I., student service learning (Project completed)

Submitted Feb. 1995/funded/\$17,600 - US Forest Service - "The natural disturbance history of the Chattooga Watershed" (Project completed)

Submitted Oct. 1995/funded/\$4,000 - Campus Compact - "Monitoring of heavy metals in north Spokane" (Student project - completed)

1991-1993, completing National Park Service contract on forest understory diversity, \$55,000 (Project completed)

Submitted Dec. 1995/ not funded/\$189,433 - NSF/Ecosystems - with Albert Meier - "RUI: Forest disturbance gradients and understory herb diversity in southern U.S."

GRANTS AND CONTRACTS PRIOR TO 1995

While working for the National Park Service, wrote or managed over \$9,000,000 in contracts and grants.

IX. OTHER BACKGROUND

Additional science course work and summer courses in ecology

Organization for Tropical Studies, Rocky Mountain Biological Laboratory, University of Delaware, Kindrogen Field Centre (Scotland), University of Wyoming through Teton Science School

Additional courses in humanities, languages, and theology

Institute for Holy Land Studies, Goethe Institute Berlin, Brite Seminary, Princeton Seminary, Harvard University, Wheaton College, University of Minnesota, Ohio University, University of Georgia, University of Maryland, Liberty College, Regent University

Cross-cultural experience

Research in Ireland and Germany.; Worked and studied in West Germany as a student; Field study in Scotland and Organization for Tropical Studies, Costa Rica; Worked with US Man and the Biosphere Program both with visiting international groups and with delegation to the Soviet Union; Study of historical geography at Institute for Holy Land Studies, Jerusalem; Passed graduate readings exams in German, French and Spanish. One classin Koine Greek. Grundstufe Zwei at Goethe Institute. GSFLT in German over 700; Refugee sponsor World Relief, 1983-1988.

Activities and interests

Hiker and backpacker, the Appalachian Trail and mountain landscapes, botanizing and wildlife observation, folklore and folk music, recreational diving and snorkeling, fishing, reading books on natural history, art, religion, and history; listening to books on tape, visiting art museums, church art and architecture

X. Invitational and Off-site Lectures 1975-1995

1975-1976	Zoology Club, Cornell University University of North Carolina, Chapel Hill Duke University Virginia Polytechnic Institute, Blacksburg Tennessee Technological University Rutgers University, Camden	<i>"Impacts of the European wild boar"</i> <i>"Phenology of understory herbs"</i> <i>"Alpha and beta functions of vegetative diversity"</i> <i>"Impacts of European wild boar"</i> <i>"Managerial concerns in Great Smoky Mountains National Park"</i> <i>"Impacts of European wild boar"</i> <i>"Impacts of European wild boar"</i> <i>"Impacts of European wild boar"</i>
1977-1979	Duke University New York Botanical Garden, Bronx State University of New York at Stonybrook New England Botanical Club, Harvard Univ. <i>in preserves"</i> Great Smoky Mountains Wildflower Pilgrimage University of Georgia Marine Laboratory, Sapelo Island Belle Baruch Forest Science Institute, Clemson University Maryville College, Tennessee	<i>"Patterns of campsite and trail erosion"</i> <i>"Rare and endangered plant monitoring"</i> <i>"Impacts of European wild boar"</i> <i>"Rare and endangered plant management in preserves"</i> <i>"Impacts of European wild boar"</i> <i>"Impacts of European wild boar"</i> <i>"Impacts of European wild boar"</i> <i>"Agricultural management in a natural area; Cades Cove"</i> <i>"Human impacts in backcountry areas"</i>
1980-1981	Albright Training Center, Grand Canyon National Park, Arizona U.S. Man and the Biosphere Program, Everglades, National Park Linnean Society of London, British Botanical Society, Cambridge	<i>"Successional changes in Great Smoky Mountains National Park"</i> <i>"Rare plant management in preserves"</i>
1982	Albright Training Center, Grand Canyon N.P. Man and the Biosphere, Application of Genetics to the Management of Wild Plant and Animal Populations, Washington, D. C. AAAS, Washington, D. C. Harpers Ferry Training Center	<i>"Science and resources management"</i> <i>"Site rehabilitation"</i> <i>"Genetic considerations for rare plant management"</i> <i>"Impacts of exotic species in National Parks"</i> <i>"Management of historic landscape"</i> <i>"Science and resources management"</i>
1983	Ecological Society of America, Fargo ND	<i>"Human impacts on woodland orchids"</i>
1984	Clemson University, South Carolina AuSable Institute, Mancelona, Michigan University of Georgia, Athens Canaveral National Seashore University of Georgia, Athens	<i>"Management of historic landscapes"</i> <i>"National Park management and values"</i> <i>"Ecotheology and the Old Testament"</i> <i>"Fire history of Cumberland Island"</i> <i>"Research and resources management for Cumberland Island"</i>
1985	Ralph Miller Lecturer: Greenville College, Greenville, IL <i>Cumberland</i> AuSable Institute, Michigan Convocational Speaker, Gordon College Massachusetts	<i>"Earthkeeping"</i> <i>"Land ethics"</i> <i>"Research and resources management at Island National Seashore"</i> <i>"Earthkeeping"</i> <i>"Land ethics"</i> <i>"Earthkeeping"</i> <i>"Research and resources management at"</i>

- Cumberland Island National Seashore"*
Convocational Speaker, Northwestern College,
Iowa
"Earthkeeping"
"Land ethics"
"Research and resources management at
- Cumberland Island National Seashore"*
Science Seminar, Dordt College, Iowa
"Research and resources management at
- Cumberland Island National Seashore"*
University of Georgia, Athens: Conference
on Environmental Ethics and Nature
Interpretation
"National Park management and values"
*"The spiritual basis of nature
interpretation"*
- National Wilderness Conference, Fort Collins,
Colorado
"Battling Satan in the Wilderness"
- 1986** ASB, University of South Carolina, Columbia
State of Missouri, Parks Conference
"Dynamics of maritime forest"
*"Landscape management in National
Parks"*
- Sierra Club Retreat, Winder, GA
*"Wilderness campsites, Cumberland
Island"*
- University of Georgia, Environmental Ethics
for College Teachers
"Christianity and wilderness values"
- 1987** State of Florida, Parks Workshop, Keynote speaker,
Walkulla, FL
*"National Park Management and
values"*
- Vegetation Management of Landscapes for Beauty
and Diversity, Invited Speaker, Mt. Cuba Center,
Delaware
*"Deciding what we want and how to get
there"*
- Biology in the College Classroom,
Whitworth College, Spokane, Washington
*"Environmental values: the ethics of
extinction"*
- AuSable Forum, Land Ethics, Invited speaker,
AuSable Institute, Michigan
preservation of wild nature)
"A fierce green fire dying" (On the
- World Wilderness Congress, Estes Park, CO
NPS Denver Service Center, CO
"Wilderness and Christian spirituality"
*"Vegetation management in historic
landscapes"*
- Trinity College, IL, Invited speaker
*"Wilderness and spirituality in the
Bible"*
"A fierce green fire dying"
"Management of historic landscapes"
- American Society of Landscape Architects,
Landscape History Training Session,
prior to National Meeting, Baltimore, MD
"Conservation in coastal parks"
- 1988** Conservation Biology Seminar, UNC, NC
Seminar on historic landscapes, Ebbies
Landing, Washington
"Boundaries"
"Historic vegetation management"
- 1989** University of Wisconsin, Madison (Chapel)
NPS Deer management workshop, Atlanta, GA
Workshop on teaching environmental ethics,
University of Georgia, Athens
"Christians and wildlife"
"White-tailed deer impacts on vegetation"
"Religion and environmental ethics"
- University of Wisconsin, Madison (Botany Dept)
*"Managing historic and semi-natural
landscapes"*
"The ecology of plant poaching"
"Management of historic landscapes"
"Fire in historic landscapes"
- American Society of Landscape Architects,
Landscape History Training Session,
prior to National Meeting, Orlando, FL
Workshop on nature interpretation and
environmental ethics, Iowa
"Wilderness and spirituality"
"Interpreting park management concerns"

1990	<p>Mount Holyoke College, S. Hadley, MA</p> <p>Georgia Southern College, Statesboro, GA</p> <p>George Washington U, Washington, DC</p> <p>Society for Ecological Restoration and Management, Chicago, IL, in a session on "The Sistine Ceiling Debate"</p> <p>Daughters of the American Revolution, Washington, GA</p> <p>AuSable Forum, AuSable Inst., Mich.</p>	<p><i>"Fire ecology of southeastern barrier islands"</i></p> <p><i>"Fire ecology of southeastern barrier islands"</i></p> <p><i>"Judeo-Christian tradition and human population"</i></p> <p><i>"Historic landscapes: A scientific perspective"</i></p> <p><i>"Spiritual values and the restored landscape"</i></p> <p><i>"Environmental values and American history"</i></p> <p><i>"Our own stories: wilderness"</i></p>
1991	<p>Messiah College, Grantham, PA</p> <p>Iowa State Univ., Ames, Iowa Invited Boggs lecture</p> <p>Western Theological Seminary, Holland, MI</p> <p>Univ. North Texas, Denton, TX "After Earthday conference"</p>	<p><i>"Fire ecology of southeastern barrier islands"</i></p> <p><i>"The Bible and human population regulation"</i></p> <p><i>"Western religious traditions and wilderness"</i></p> <p><i>"Fire and historic landscapes"</i></p> <p><i>"Environmental ethics and human population growth"</i></p> <p><i>"The new Christian ecology"</i></p>
1992	<p>Environmental Ethics and Nature interp. workshop, OK</p>	<p><i>"Environmental ethics and National park management"</i></p> <p><i>"Christianity and environmental ethics"</i></p>
1993	<p>Trinity College, Chicago, IL</p> <p>Covenant College, Chicago, IL</p> <p>World Vision, Inc. Washington, DC Curriculum Development workshop Denton, TX</p> <p>Conf. on Landscaping with Native Plants Cullowhee, NC</p> <p>Austin, College, Sherman, TX</p> <p>Last Lecture Series, University of North Texas, Denton, TX</p>	<p><i>"Christian ecotheology"</i></p> <p><i>"Christians and population ethics"</i></p> <p><i>"Christians and Population ethics"</i></p> <p><i>"Fire ecology in parks"</i></p> <p><i>"Christians and population ethics"</i></p> <p><i>"Christian ecofeminism"</i></p> <p><i>"Human population regulation and Christian ethics"</i></p> <p><i>"Disturbance and herb diversity on the Susquehanna River"</i></p> <p><i>"Human population regulation and Christian ethics"</i></p> <p><i>"Why black Pentacostal women don't teach philosophy in North Texas"</i></p>
1994	<p>Ashland University, Ashland, OH</p> <p>Conf. on Religion and Population <i>Christianity Today</i>, Chicago, IL Univ. of Minnesota,</p>	<p><i>"Penning the goring bull"</i></p> <p><i>"Christian ethics and human population change"</i></p> <p><i>"Christian ethics and population"</i></p> <p><i>"Herb diversity in Susquehanna River Gorge"</i></p>
1995	<p>Central Arkansas</p> <p>Florida State, Orlando, FL</p>	<p><i>"Herb diversity in Susquehanna River Gorge"</i></p> <p><i>"Herb diversity in Susquehanna River"</i></p>

World Vision, Student Conference Seattle-Pacific Univ., Seattle ERDO Conf., Pack Forest, WA	<i>Gorge</i> "Environmental ethics" "Population up-date"
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National Scientific Meetings, Technical Conferences and Workshops - other than presented papers

- 1977, 1978** International National Parks Management Seminar, Gatlinburg, Tennessee
NP Science Program, and led field trips to Great Smoky Mountains National Park
- 1976, 1979** First (New Orleans, LA) and Second (San Francisco, CA) Conferences on Scientific Research in the National Parks
- 1975-1982** Annual Scientific Research Meetings, Uplands Areas of the Southeast Region, National Park Service (TN)
Moderator of first through fourth meetings
Workshops led: "Rare/endangered species, unique habitats; special protection problems within the national park" (1975)
"Management needs and resource inventory; establishing a data base for management in the park" (1975)
"Discussion session on vegetation mapping and vegetation survey in the park" (1977)
"Impacts of European wild boar in Great Smoky Mountains National Park" (1979) (with F. Singer)
- 1975, 1978** American Institute of Biological Sciences (LA, GA)
- 1976, 1977** Tennessee Rare and Endangered Plant Workshops (TN)
- 1976** North Carolina Rare and Endangered Species Workshop (NC)
- 1976** International Bioclimatology Conference (Washington D.C.)
- 1977** Habitat Classification Conference, U.S. Fish & Wildlife Service (AZ)
- 1978** International Phytosociological Expeditions (NC)
- 1978** Southern Appalachian Research and Management Consortium Planning Workshops (NC)
- 1978-1979** Tennessee Native Plant Society
Attended field excursions to botanical gardens, natural areas, Tennessee Heritage Program sites
- 1979** Conference of the Southeastern Fish and Wildlife Resource Agencies (AR)
- 1984** MAB Review of Possible Barrier Islands Reserves (GA)
Co-organizer with Monica Turner
- 1984** Deer Management for Barrier Islands (MD)
- 1984** Barrier Islands Critical Fire Management Problems Workshop (Canaveral Nat. Seashore, FL)
Moderator/organizer with Mary Foley
- 1985** Man and the Biosphere Review of Possible Eastern Forest Reserves (GA)
Co-organizer with Mary Jo Hayes

- 1986** Right Whale Workshop, Jekyll Island (GA)
- 1986** U.S.-N.P.S. Conference on Science in the National Parks (CO)
Moderator and organizer of "Vegetation history and historic landscape management" symposium
On panel of "Vegetation disturbance"
On panel of "long term ecological monitoring"
- 1987** Moderator of philosophy session: World wilderness congress, Fort Collins, CO
- 1988** Participant: National Park Service workshop on preserving biological diversity, Gatlinburg, (TN)
- 1988** Participant: Science in southeastern National Parks, Great Smoky Mountains NP (TN)
- 1989** Participant: Science in southeastern National Parks, Gulf Islands NP (Miss.)
- 1990** Participant: Science in southeastern National Parks, Big Cypress Nat. Preserve [FL]
 Society for Conservation Biology, Univ. Florida, Gainesville, [FL]
- 1991** Participant: Oceanic Society trip to view marine mammals off Baja California
 Organizer: Science in southeastern National Parks, Blue Ridge Parkway [NC]
 Participant: Southern Appalachian Man and the Biosphere, Global change working group [TN]
- 1992** Evaluator - student presentations, Austin College, TX
- 1993** SBL and AAR Southwestern Division, Dallas, TX
 Herd Museum, Experimental burns, Feb.
 Center for Public Policy, Washington, DC - population conf. invited participant
 Moderator of panel - Conf. on northern protected areas, Yukon College, Yukon, Canada
 World Council of Churches, Geneva, Switzerland, consulting team on population statement
- 1995** SBL and AAR Southwestern Division, Dallas, TX
 Rivers and Dams Conf. - Spokane, WA
- 1996** Environmental Exposition - Spokane, WA
 November 1996, Douglas Gould and Company, PEW sponsored meeting for environmental speakers involved in radio and television interviews, New York, NY
- 1997** AAAS, Seattle, WA
 Environmental Exposition - Spokane, WA
- 1998** SIRTl open house, Spokane, WA – ran booth
- 1999** Ecological Society of America – Spokane, WA
 Environmental Exposition – Spokane, WA
 SIRTl open house, Spokane, WA – ran booth