

CURRICULUM VITAE

PERSONAL HISTORY

Name: Gary David Grossman

Current Position: Professor

Current Address: Warnell School of Forestry and Natural Resources
University of Georgia

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Web Site: www.researchgate.net/profile/Gary_Grossman

Languages: Castillian Spanish (fluent), French (conversational)

Registered Mediator: Georgia Registration Number - 35809

EDUCATIONAL BACKGROUND

B.S. in Conservation and Resource Studies; University of California, Berkeley, 8-75

Ph.D. in Animal Ecology and Limnology; University of California, Davis, 8-79.

Dissertation: Ecological and evolutionary adaptation in the bay goby (*Lepidogobius lepidus*): behavior, demography and feeding.

FACULTY MEMBERSHIP

Honor's Faculty

Graduate Faculty

Warnell School of Forest Resources Faculty

Ecology Faculty (adjunct)

PROFESSIONAL SOCIETIES

Ecological Society of America

Society for Conservation Biology

American Society of Ichthyologists and Herpetologists

American Fisheries Society

North American Benthological Society

PROFESSIONAL POSITIONS

Professor, Warnell School of Forestry & Natural Resources, University of Georgia, Athens, GA 7-09 to present

Distinguished Research Professor, Warnell School of Forestry & Natural Resources, University of Georgia, Athens, GA 7-04 to 6-09

Professor, Warnell School of Forest Resources, University of Georgia, Athens, GA 7-92 to 6-04

Associate Professor, Warnell School of Forest Resources, University of Georgia, Athens, GA 7-87 to 6-92

Assistant Professor, Warnell School of Forest Resources, University of Georgia, Athens, GA 7-81 to 6-87

Lecturer, 9-77 to 2-78, Department of Biological Sciences, California State University, Sacramento
Post Doctoral Researcher, 7-79 to 6-81, University of California, Davis

Lecturer, 1-80 to 6-80, Department of Biological Sciences, California State University, Sacramento
Curator of Fish Collection, 10-75 to 8-76, California Polytechnic State University, San Luis Obispo

COURSES INSTRUCTED

Community Ecology (Grad.), Population Ecology (Grad.), Fish Ecology (Undergrad/Grad.), Quantitative Approaches to Conservation Biology (Grad.), Fisheries Biology (Undergrad./Grad.), Ecology (Undergrad.), Biological Conservation (Undergrad.), Fisheries Management (Undergrad.), Graduate Seminar in Fish Ecology, Graduate Seminar in Community Ecology, Graduate Seminar in Stream Ecology.

CURRENT TEACHING RESPONSIBILITIES

Georgia Natural History (undergraduate non-major, 3 units, taught annually)
Animal Biodiversity & Conservation (graduate, 3 units, taught biannually)
Advanced Fish Ecology & Conservation (graduate, 3 units, taught biannually)

GRADUATE STUDENTS

Past Students

Dan Erickson, MSc, 1984 (Research Technician, University of Miami)
Margi Flood, MSc, 1986 (currently teaching at North Georgia College)
Joseph Hightower, PhD, 1984 (Assistant Unit Leader for Fisheries, USGS Cooperative Fisheries Unit, North Carolina State University)
Douglas Facey, PhD, 1987 (Co-chair) (Professor & Biology Department Chair, St. Michael's College)
Jeffrey Barrett, PhD, 1989 ((Regional Manager, Hart Crowser Consulting)
Jennifer Hill, PhD, 1989 (Section Chief with the Federal Energy Regulatory Commission)
Mark Farr, ABD, 2004 (Research Biologist, Army Corp of Engineers, Vicksburg MS)
Jerry Freilich, PhD, 1990 (Co-chair) (Director of Resource Management, Olympic National Park, Washington)
Mary Freeman, PhD, 1990 (Research Fisheries Biologist, U. S. Geological Survey, Athens, GA)
Deanna Stouder, PhD, 1990 (Station Director of the U.S. *Forest Service* Pacific Southwest Research Station, Berkeley CA)
Todd Petty, MSc, 1994, PhD, 1998 (Associate Professor of Fisheries, West Virginia University)
Andrew Thompson, Msc, 1998 (Post-Doc L.A. County Museum of Natural History)
Catherine Gibson, MSc, 1999 (University of Arizona)
Julie Little, MSc, 1999 (Instructor at Virginia Highlands Community College)
Kathleen McDaniel, MSc, 1999 (Peace Corps Volunteer, Phillipines)
Stacy Smith, MSc, 2002 (unemployed)
Michael Wagner, PhD, 2004 (Assistant Professor of Fisheries, Michigan State University)
Tibor Eros, PhD, 2005, Eötvös Loránd University, Budapest, Hungary (researcher, Lake Balaton Institute, Hungarian Academy Sciences)
Richard Zamor, MSc, 2005 (PhD student, University of Oklahoma)
Brent Henry, MSc, 2006 (employed in the biomedical industry)
Jessica Skyfield, MSc, 2006 (Stanton Institute, Kansas City, KS)
Peter Hazelton, MSc, 2008 (Biologist, Massachusetts Natural Heritage Program)
Duncan Elkins, PhD, 2010 (Post-doctoral researcher, UGA)
Zach Anglin, MSc, 2012 Biological aide (Utah Dept. Fish & Wildlife)
Clym Gatrell, MNR 2013 (PhD student, UGA)

Joana Martelo, PhD 2014 (co-chair, University Lisbon) (business owner)

Current Students

Erik Donofrio, MSc
Bryan Bozeman, MSc

Undergraduate Honors Theses Supervised

Geoff Chilcote, 1998
James Roberts, 2001 (thesis published)
Carol Guy, 2002 (thesis published)
Matthew Slafkowsky, 2005
Sara Smiley, 2007
Zach Anglin 2010
Amos Tuck 2011
Rachel Hawes 2015

PUBLICATIONS

Refereed Journals or Symposia

1. Grossman, G. D. 1977. Polymorphism of plasma esterases in rainbow trout. *Prog. Fish. Cult.* 39:35-36.
2. Grossman, G. D. 1979. Demographic characteristics of an intertidal bay goby (*Lepidogobius lepidus*). *Environ. Biol. Fish.* 4:207-218.
3. Grossman, G. D. 1979. Symbiotic burrow-occupying behavior in the bay goby (*Lepidogobius lepidus*). *Cal. Fish and Game* 65:122-124.
4. Brittan, M. R. and G. D. Grossman. 1979. A pacu (*Colossoma* spp. Family *Characidae*) from the Sacramento River. *Cal. Fish and Game* 65:170-173.
5. Grossman, G. D. 1980. Food, fights and burrows: the adaptive significance of intraspecific aggression in the bay goby (*Pisces: Gobiidae*). *Oecologia* 45:261-266.
6. Grossman, G. D. 1980. Ecological aspects of ontogenetic shifts in prey size utilization in the bay goby (*Pisces: Gobiidae*). *Oecologia* 47:233-238.
7. Grossman, G. D., Coffin, R. and P. B. Moyle. 1980. Feeding ecology of the bay goby (*Pisces: Gobiidae*). Effects of behavioral, ontogenetic, and temporal variation on diet. *J. Exp. Mar. Biol. and Ecol.* 44:47-59.
8. Dentler, J. and G. D. Grossman. 1980. A geographic record for the redbtail surfperch. *Cal. Fish and Game* 66:242.
9. Grossman, G. D. 1982. Dynamics and organization of a rocky intertidal fish assemblage: the persistence and resilience of taxocene structure. *Am. Nat.* 119:611-637.
10. Grossman, G. D. 1982. Community regulation and patterns of resource partitioning. pp. 166-177, in: *Proc. 3rd Tech. Workshop on Fish Food Habits Studies.*

11. Grossman, G. D., Moyle, P. B. and J. R. Whitaker, Jr. 1982. Stochasticity in structural and functional characteristics of an Indiana stream fish assemblage: a test of community theory. *Am. Nat.* 120:423-454.
12. deVlaming, V., Grossman, G. D. and F. Chapman. 1982. On the use of the gonosomatic index. *Comp. Biochem. Physiol.* 73A:31-41.
13. Moyle, P. B., Vondracek, B. and G. D. Grossman. 1983. Responses of the fish populations of the North Fork of the Feather River, California, to treatments with fish toxicants. *North Am. J. Fish. Manag.* 3:48-60.
14. Grossman, G. D. and V. deVlaming. 1984. Reproductive ecology of female *Oligocottus snyderi* Greeley: a North American intertidal sculpin. *J. Fish. Biol.* 25:231-240.
15. Grossman, G. D., Freeman, M. C., Moyle, P. B. and J. O. Whitaker, Jr. 1985. Stochasticity and assemblage organization in an Indiana stream fish assemblage. *Am. Nat.* 126:275-285.
16. Grossman, G. D., Harris, M. J. and J. E. Hightower. 1985. The relationship between tilefish (*Lopholatilus chamaeleonticeps*) abundance and sediment composition off Georgia, U.S.A. *Fish. Bull.* 83:443-447.
17. Harris, M. and G. D. Grossman. 1985. Growth, mortality, and age composition of a lightly exploited tilefish (*Lopholatilus chamaeleonticeps*) substock off Georgia. *Trans. Am. Fish. Soc.* 114:837-846.
18. Hightower, J. E. and G. D. Grossman. 1985. Comparison of constant effort harvesting policies for fish stocks with variable recruitment. *Can. J. Fish. Aquat. Sci.* 45:982-988.
19. Erickson, D. L., Hightower, J. and G. D. Grossman. 1985. The relative gonadal index: an alternative index for the quantification of reproductive condition. *Comp. Biochem. Physiol.* 81A:117-120.
20. Erickson, D. L., Harris, M. J. and G. D. Grossman. 1985. Ovarian cycling of tilefish (*Lopholatilus chamaeleonticeps*, Goode and Bean), from the South Atlantic Bight, U.S.A. *J. Fish Biol.* 27:131-146.
21. Freeman, M. C., Neally, N. and G. D. Grossman. 1985. Aspects of the life history of *Oligocottus snyderi* Greeley (Pisces: Cottidae). *Fish. Bull.* 83:645-655.
22. Grossman, G. D. 1986. Resource partitioning in a rocky intertidal fish assemblage. *J. Zool.* B:317-355.
23. Grossman, G. D. 1986. Long term persistence in a rocky intertidal fish assemblage. *Environ. Biol. Fish.* 15:315-317.
24. Erickson, D. L. and G. D. Grossman. 1986. Reproductive demography of tilefish from the South Atlantic Bight with a test for the presence of protogynous hermaphroditism. *Trans. Am. Fish Soc.* 115:279-285.
25. Grossman, G. D. and M. C. Freeman. 1987. Microhabitat use in a stream fish assemblage. *J. Zool.* 122:151-176.
26. Grossman, G. D., de Sostoa, A., Freeman, M. and J. Lobón-Cerviá. 1987. Microhabitat selection in a Mediterranean riverine fish assemblage: I Fishes of the lower Matarraña. *Oecologia* 73:490-500.
27. Grossman, G. D., de Sostoa, A., Freeman, M., and J. Lobón-Cerviá. 1987. Microhabitat selection in a Mediterranean riverine fish assemblage: II. Fishes of the upper Matarraña. *Oecologia* 73:501-512.

28. Hightower, J. E. and G. D. Grossman. 1987. Optimal policies for rehabilitation of overexploited fish stocks. *Can. J. Fish Aquat. Sci.* 44:803-810.
29. Hill, J. and G. D. Grossman. 1987. Home range estimates for three North American stream fishes. *Copeia* 1987:376-380.
30. Hill, J. and G. D. Grossman. 1987. The effects of subcutaneous mark location and color on growth, survivorship, mark longevity, and recapture rates of some southeastern stream fishes. *Copeia* 1987(2):492-495.
31. Barrett, J. C. and G. D. Grossman. 1988. The effects of direct current electrofishing on the mottled sculpin (*Cottus bairdi*). *N. Am. J. Fish. Man.* 8:112-116.
32. Freeman, M. C., Crawford, M., Barrett, J., Facey, D. E., Flood, M., Hill, J., Stouder, D., and G. D. Grossman. 1988. Fish assemblage stability in a southern Appalachian stream. *Can. J. Fish. Aquat. Sci.* 45: 1949-1958.
33. Hightower, J. E. and G. D. Grossman. 1989. Status of the tilefish fishery off South Carolina and Georgia and recommendations for management. *Fish Bull.* 87: 177-188.
34. Nickerson, D. M., Facey, D. E., and G. D. Grossman. 1989. Estimating physiological thresholds using two-phase segmented regression. *Physiol. Zool.* 62: 866-887.
35. Grossman, G. D., Dowd, J. F., and M. C. Crawford. 1990. Disturbance and recovery in lotic ecosystems: a review of assemblage stability studies with stream fishes. *Environ. Manage.* 14:661-671.
36. Facey, D. E. and G. D. Grossman. 1990. The metabolic cost of maintaining position for four North American stream fishes: effects of season and velocity. *Physiol Zool.* 63:757-776.
37. Freeman, M. C., Viñolas, D., de Sostoa, A., and G. D. Grossman. 1990. Microhabitat use by *Blennius fluviatilis* in the Rio Matarraña, Spain. *Freshwat. Biol.* 24:335-345.
38. Grossman, G. D. 1991. Ecology of teleost fishes (Book review.) *Copeia* 1991:1158-1160.
39. Grossman, G. D. and V. Boule. 1991. An experimental study of competition for space between rainbow trout (*Oncorhynchus mykiss*) and rosyzide dace (*Clinostomus funduloides*). *Can. J. Fish. Aquat. Sci.* 48:1235-1243.
40. Grossman, G. D., D. M. Nickerson, and M. C. Freeman. 1991. Principal component analyses of assemblage structure data: the utility of tests based on eigenvalues. *Ecology* 72:341-347.
41. Barrett, J. D., G. D. Grossman, and J. Rosenfeld. 1992. Turbidity induced changes in reactive distance in rainbow trout (*Oncorhynchus mykiss*). *Trans. Am. Fish. Soc.* 121:437-443.
42. DeHaven, J. E., D. J. Stouder, R. Ratajczak, T. J. Welch, and G. D. Grossman. 1992. Reproductive biology of mottled sculpin (*Cottus bairdi*), rosyzide dace (*Clinostomus funduloides*) and longnose dace (*Rhinichthys cataractae*) in a southern Appalachian stream. *Ecol. Freshwat. Fishes* 1:104-111.
43. Facey, D. E., and G. D. Grossman. 1992. Do metabolic constraints influence microhabitat use in four North American stream fishes? *Hydrobiologia* 239:1-6.

44. Freeman, M. C. and G. D. Grossman. 1992. A field test for competitive interactions among foraging stream fishes. *Copeia* 1992:898-902.
45. Freeman, M. C. and G. D. Grossman. 1992. Group foraging by a stream minnow: shoals or aggregations? *Anim. Beh.* 44:393-403.
46. Grossman, G. D. 1993. Fish ecology. (Book Review) *Freshwater Biology* 29:183-189.
47. Grossman, G. D. 1993. Artificial Habitats for Freshwater and Marine Fisheries. (Book Review) *Trans. Am. Fish Soc.* 122:306-308.
48. Grossman, G. D. 1993. The freshwater fishes of North Carolina. (Book Review) *J. North Amer. Benthol. Soc.* 12:445-446.
49. Hill, J., and G. D. Grossman. 1993. An energetic model of microhabitat use for rainbow trout (*Oncorhynchus mykiss*) and rosyside dace (*Clinostomus funduloides*). *Ecol.* 74:685-698.
50. Freeman, M. C. and G. D. Grossman. 1993. Effects of habitat availability on dispersion of a stream minnow. *Environ. Biol. Fish.* 37:121-130.
51. Grossman, G. D. 1994. Behavior of teleost fishes, (Book Review). *Freshwater Biology* 32:151-152.
52. Grossman, G. D., and A. de Sostoa. 1994. Microhabitat use by fishes in the lower Rio Matarraña, Spain: 1984-1987. *Ecol. Freshwat. Fish* 3:123-136.
53. Grossman, G. D., and A. de Sostoa. 1994. Microhabitat use by fishes in the upper Rio Matarraña, Spain: 1984-1987. *Ecol. Freshwat. Fish* 3:141-152.
54. Grossman, G. D., Ratajczak, R. Jr. and M. C. Crawford. 1995. Do rock bass (*Ambloplites rupestris*) induce microhabitat shifts in mottled sculpin (*Cottus bairdi*). *Copeia* 1995:343-353.
55. Grossman, G. D., Hill, J. and J. T. Petty. 1995. Observations on habitat structure, population regulation, and habitat use with respect to evolutionarily significant units: a landscape perspective for lotic systems. In: *Evolution and the Aquatic Ecosystem*. American Fisheries Society Symp. 17: 381-391.
56. Petty, T. and G. D. Grossman. 1996. Patch selection by mottled sculpin (Pisces: Cottidae) in a southern Appalachian stream. *Freshwat. Biol.* 35: 261-176.
57. Grossman, G. D., Jones, G. P. and W. J. Seaman, Jr. 1997. Do artificial reefs increase regional fish production?: A review of existing data. *Fisheries* 22:17-23.
58. Rincon, P. R. and G. D. Grossman. 1997. Quantitative ecology and the brown trout, (Book Review). *Freshwat. Biol.* 38:441-442.
59. Grossman, G. D. 1998. Notes from the blackboard. *Fisheries* 23:16-17.
60. Grossman, G. D., and R. E. Ratajczak. 1998. Long-term patterns of microhabitat use by fishes in a southern Appalachian stream from 1983-1992: effects of hydrologic period, season and fish length. *Ecology Freshwat. Fish* 7:108-131.
61. Grossman, G. D., Ratajczak, R. E., Crawford, M. S., and M. S. Freeman. 1998. Assemblage organization in stream fishes: effects of environmental variation and interspecific interactions. *Ecol. Monogr.* 68:395-420.

62. Rincon, P. A., and G. D. Grossman. 1998. The effects of rainbow trout (*Oncorhynchus mykiss*) on the use of spatial resources and behavior of rosyzide dace (*Clinostomus funduloides*). *Archiv. Hydrobiol.* 141:333-352.
63. Grossman, G. D. 1999. Intertidal Fishes. (Book Review) *Trans. Am. Fish Soc.* Vol. 128: 974-975.
64. Rincon, P.A., Hughes, N.F. & G. D. Grossman. 2000. Landscape approaches to stream fish ecology, mechanistic aspects of habitat selection and behavioral ecology/ Introduction and commentary. *Ecology Freshwat. Fish* 9:1-3
65. Petty, J. T., & G. D. Grossman. 2000. The effects of an underwater fish observation technique on stream macroinvertebrates at two spatial scales. *Ecology Freshwat. Fish* 9:145-152.
66. Fausch, K. D., Taniguchi, Y., Nakano, S., Grossman, G. D., & Townsend, C. R. 2001. Flood disturbance regimes influence rainbow trout invasion success among five Holartic regions. *Ecol. Appl.* 11:1438-1455.
67. Rincon, P.A. & G. D. Grossman. 2001. Intraspecific aggression in rosyzide dace (*Clinostomus funduloides*): a drift-feeding cyprinid. *J. Fish Biol.*59:968-986.
68. Roberts, J. H., & G. D. Grossman. 2001. Reproductive characteristics of female longnose dace in the Coweeta Creek. *Ecol. Freshwat. Fish* 10:184-190.
69. Thompson, A. R., Petty, J. T., and G. D. Grossman. 2001. Multi-scale effects of resource patchiness on foraging behavior and habitat use by longnose dace, *Rhinichthys cataractae*. *Freshwat. Biol* 46: 145-161.
70. Grossman, G.D., Rincon, P. A., Farr, M.D., & R. E. Ratajczak. 2002. A new optimal foraging model predicts habitat use by drift-feeding stream minnows. *Ecol. Freshwat. Fish* 11:2-10.
71. Grossman, G.D., McDaniel, K. M., & R. E. Ratajczak. 2002. Demographic characteristics of female mottled sculpin (*Cottus bairdi*) in the Coweeta Creek drainage, North Carolina (U.S.A.). *Environ. Biol. Fish.* 63:299-308.
72. Fiumera, A.C., Porter, B.A., Grossman, G.D., & J.C. Avise. 2002. Intensive genetic assessment of the mating system and reproductive success in a semi-closed population of the mottled sculpin, *Cottus bairdi*. *Mol. Ecology* 11: 2366-2377.
73. Eros, T., Botta-Dukat, Z., & G. D. Grossman. 2003. Assemblage structure and habitat use of fishes in a Central European submontane stream: a patch-based approach. *Ecol. Freshwat. Fish* 12:141-150.
74. Smith, S. & G. D. Grossman. 2003. Stream microhabitat use by larval southern two-lined salamanders (*Eurycea cirrigera*) in the Georgia Piedmont. *Copeia* 2003:531-543..
75. Gibson, C.A., Ratajczak, R. E., and G. D. Grossman. 2004. Direct and indirect effects of predation at the patch scale in a southern Appalachian stream. *Oikos* 106:158-166.
76. Guy, C. J., Ratajczak, R. E., and G. D. Grossman. 2004. Nest-site selection by southern two-lined salamanders (*Eurycea cirregera*) in the Georgia Piedmont. *Southeast. Nat.*3:75-88.
77. Petty, T. and G. D. Grossman. 2004. Restricted movement by mottled sculpin (Pisces: cottidae) in a southern Appalachian stream. *Freshwat. Biol.* 49:631-645.

78. Eros, T. and G. D. Grossman. 2005. Fish biodiversity in two Hungarian streams: a landscape-based approach. *Arch. fur Hydrobiol.* 162:53-71.
79. Eros, T., and G. D. Grossman. 2005. Effects of within-patch habitat structure and variation on fish assemblage characteristics in the Bernecei Stream, Hungary. *Ecol. Freshwat. Fish* 14:256-266.
80. Rashleigh, B., & G. D. Grossman. 2005. Effects of hydrology on mottled sculpin (*Cottus bairdi*) in a southern Appalachian stream: an individual-based simulation model. *Ecol. Model* 187:247-258.
81. Grossman, G.D., Petty, J. T., Ratajczak, R. E., Peterson, J., Hunter, M. & G. Grenouillet. 2006. Population dynamics of mottled (Pisces:cottidae) in a variable environment: an information theoretic approach. *Ecol. Monogr.*76: 217-234.
82. Coombs, S. & G. D. Grossman. 2006. Mechanosensory-based orienting behaviors in fluvial and lacustrine populations of mottled sculpin (*Cottus bairdi*). *Mar. Freshwat. Beh. Physiol.* 39:113-130.
83. Grossman, G. D. and J. Lobon-Cervia. 2007. Where we are, where we are going... *Ecol. Freshwat. Fish* 16:465-467.
84. Zamor, R. M. and G. D. Grossman. 2007. Turbidity affects foraging success of drift-feeding rosyside dace (*Clinostomus funduloides*). *Trans. Am. Fish. Soc.*136:167-176.
85. Brosse, S., Grossman, G.D. and S. Lek. 2007. Fish assemblage patterns in the littoral zone of a European reservoir. *Freshwat. Biol.* 52:448-458.
86. Rincon, P.A. Bastir, M. and G. D. Grossman. 2007. Form and performance: body shape and prey capture success in four drift-feeding minnows. *Oecologia* 152:345-355
87. Jones, B., Grossman, G.D., Walsh, D.C.I., Avise, J.C. and Anthony C. Fiumera. 2007. Estimating differential reproductive success from nests of related individuals, with application to a study of the mottled sculpin, *Cottus bairdi*. *Genetics*176:2427-2439.
88. Petty, J. T. and G. D. Grossman. 2007. Size-dependent territoriality of mottled sculpin in a southern Appalachian stream. *Trans. Am. Fish. Soc.*136:1750-1761.
89. DeVries D.R., Grossman, G.D., Wahl, D.H., Stone, J..A., Utter, F.M., Jennings, C.A. and D.M. Kimball. 2007. A perspective on the decision to establish an AFS marine journal. *Fisheries* 32(1):30.
90. Skyfield, J.P. and G. D. Grossman. 2008. Microhabitat use and movements of gilt darters (*Percina evides*) in two southeastern streams. *Ecol. Freshwat. Fish* 17:219-230.
91. Henry, B.E., and G. D. Grossman. 2008. Microhabitat use by blackbanded (*Percina nigrofasciata*), turquoise (*Etheostoma inscriptum*), and tessellated (*E. olmstedii*) darters during drought in a Georgia Piedmont stream. *Environ. Biol. Fish.* 83:171-182.
92. Grossman, G.D. & J. P. Skyfield. 2009. Quantifying microhabitat availability: random versus focal fish methods. *Hydrobiologia* 624:235-240.
93. Hazelton, P.B. & G.D. Grossman.2009. Turbidity, velocity and interspecific interactions affect foraging success of rosyside dace (*Clinostomus funduloides*) and yellowfin shiners (*Notropis lutipinnis*).*Ecol. Freshwat. Fish* 18:427-436.

94. Hazelton, P.B. & G.D. Grossman. 2009. The effects of turbidity and an invasive species on foraging success of rosyside dace (*Clinostomus funduloides*). *Freshwater Biol.* 54:1977-1989.
95. Scott, C.H., Cashner, M., Grossman, G.D., & J.P. Wares. 2009. An awkward introduction: phylogeography of *Notropis lutipinnis* in its 'native' range and the Little Tennessee River. *Ecol. Freshwat. Fish* 18: 538-549.
96. Petty, J. T. & G. D. Grossman. 2010. Giving-up densities and ideal preemptive patch use in a predatory benthic stream fish. *Freshwat. Biol.* 55:780-793.
97. Grossman, G.D., Ratajczak, R.E., Wagner, C.M., & J. T. Petty. 2010. Dynamics and population regulation of southern brook trout (*Salvelinus fontinalis*) in a southern Appalachian stream. *Freshwat. Biol.* 55:1494-1508.
98. Grossman, G.D. & J.L. Sabo. 2010. Preface: structure and dynamics of stream fish assemblages. *Community Ecology of Stream Fishes, Am. Fish. Soc. Symp.* 73:401-405,
99. Grossman, G.D. & J.L. Sabo. 2010. Incorporating environmental variation into models of community stability: examples from stream fish assemblages. *Community Ecology of Stream Fishes, Am. Fish. Soc. Symp.* 73:407-426.
100. Grossman, G.D., Ratajczak, R.E., Farr, M.D. Wagner, C.M., & J. T. Petty. 2010. Why there are fewer fish upstream. *Community Ecology of Stream Fishes, Am. Fish. Soc. Symp.* 73:63-81.
101. Grossman, G.D. & J.L. Sabo. 2010. Structure and dynamics of stream fish assemblages: a commentary. *Community Ecology of Stream Fishes, Am. Fish. Soc. Symp.* 73:401-405.
102. Gotelli, N. Dorazio, R, Ellison, A. & G. D. Grossman. 2010. Detecting temporal trends in species assemblages with randomization procedures and hierarchical models. *Phil. Trans. R. Soc. B.* 365:3621-3631
103. Almeida, D., Almodóvar, A., Nicolac, G., Elvira, B. & G. Grossman. 2012. Trophic plasticity of invasive juvenile largemouth bass *Micropterus salmoides* in Iberian streams. *Fisheries Res.* 113:153-158.
104. Almeida, D. & G. D. Grossman. 2012. The utility of direct observational methods for assessing competitive interactions between invasive and native freshwater fishes. *Fisheries Manage. & Ecol.* 19:157-166.
105. Grossman, G.D., Nuhfer, A. Zorn, T. Sundin, G. & G. Alexander. 2012. Population regulation of brook trout (*Salvelinus fontinalis*) in Hunt Creek Michigan: a 50-year study. *Freshwat. Biol.* 57:1434-1448.
106. Wagner, C. M. & G. D. Grossman. 2013. Input matching and patch use by native and invasive minnows. *Ecol. Freshwat Fish* 22:55-65.
107. Martelo, J., Grossman, G. & Filomena Magalhaes. 2013. Extrinsic and intrinsic factors influence daily activity of a Mediterranean cyprinid. *Ecol. Freshwat. Fish* 22:307-316
108. Anglin, Z. W. & G. D. Grossman. 2013. Microhabitat use by southern brook trout (*Salvelinus fontinalis*) in a headwater North Carolina stream. *Ecol. Freshwat. Fish* 22:567-577
109. Elkins, D. & G. D. Grossman. 2014. Invasive rainbow trout affect habitat use feeding efficiency and social behavior of warpaint shiners. *Invas. Biol.* 16:919-933.

110. Grossman, G.D. 2014. Not all drift feeders are trout: a short review of fitness-based habitat selection models for fishes. *Environ. Biol. Fish.* 97:465-473

111. Grossman, G.D. 2014. Improving the reviewing process in ecology and evolutionary biology. *Animal Biodiv. & Con.* 37:101-105.

112. Almeida, D. & G. D. Grossman. 2014. Regulated small rivers as nursery areas for invasive largemouth bass *Micropterus salmoides* in Iberian waters. *Aquat. Conserv.* 24:805-817

113. Martelo, J., Grossman, G. & F. Magalhaes. 2014 Habitat patchiness affects distribution and microhabitat use of endangered Mira chub *Squalius torgalensis* (Actinopterygii, Cypriniformes) *Hydrobiol.* 732:93-109.

114. Grossman, G. & E. Watson. 2015. The use of original music videos to teach natural history. *J. Nat. Hist. Ed. & Exp.*: 9: 1-7.

Publications Accepted/In Press (Refereed Journals)

115. Grossman, G., & T. Richards. Active learning via student karaoke videos. *Int. J. Teach. Learn. Higher Ed.* In press (41 pp).

116. Grossman, G. Sundin, G. & R. Ratajczak. Long-term persistence, density-dependence and effects of climate change on rosyside dace (cyprinidae). *Freshwater Biology* ms. in press (47 pp).

Manuscripts Submitted (Refereed Journals)

117. Grossman, G. Predation on fishes in the Sacramento – San Joaquin Delta: current knowledge and future directions. *State of Delta Science Symp.* ms. revision submitted (56 pp).

118. Grossman, G. Orth, D. & J. Neuswanger. 2015. Innovative Approaches to Fisheries Education. *Fisheries*: ms. submitted (22. pp)

Manuscripts Requiring Resubmission

119. Martelo, J., Grossman, G. & F. Magalhaes. 2015. Linking microhabitat use with models of foraging success in an imperiled Mediterranean fish. *Ecol. Freshwat. Fish*: in revision (34 ms. pp.).

120. Elkins, D. & G. D. Grossman. 2015. Managing invasions: stocked rainbow trout affect native fishes in a southern Appalachian stream. *Freshwat. Biol.*: in revision (94 ms. pp.).

121. Anglin, Z. W. & G. D. Grossman. 2015. Movement of southern brook trout in a North Carolina headwater stream. *Hydrobiol.*: in revision (14 ms. pp.)

Technical Reports

Boule, V. and G. D. Grossman. 1990. The replacement of brook trout by rainbow trout in the southeastern United States. Final report for U.S.D.A. Forest Service Cooperative Agreement #12-11-008-876 (Supplement 127).

Barrett, J. C., Grossman, G. D., and J. Rosenfeld. 1990. Turbidity induced changes in reactive distance in rainbow trout *Oncorhynchus mykiss*. U.S.D.A. Forest Service. Cooperative Agreement #12-11-008-876 supplement 188).

Seaman, W., Jr. and G. D. Grossman. 1997. Symposium Overview. pp. 1-4. In: Technical Working Papers from a Symposium on Artificial Reef Development. Atlantic States Marine Fisheries Commission Special Report #64.

Elkins, D. & Grossman, G. 2010. The effects of trout stocking on native non-game fishes in Georgia. Final Report 12-31-08, revised 12-29-10, 151 pp.

Legault, C., Grossman, G., Klaer, N., Medley, P., Powers, S., & S. Reeves. 2010. SEDAR 19 Review Panel Report – Black Grouper South Atlantic Fisheries Management Council, 10 p.

Legault, C., Grossman, G., Klaer, N., Medley, P. Powers, S., & S. Reeves. 2010. SEDAR 19 Review Panel Final Report – Red Grouper South Atlantic Fisheries Management Council, 10 p.

Reed, D., Fausch, K., Grossman, G., & K. Rose. 2010. Second Review of the “Logic Chain Approach”. Delta Science Program Panel, Bay-Delta Conservation Plan. 18p.

Grossman G.D. and 7 co-authors. 2013. Recommendations for the design and implementation of stream and lake fish sampling at the National Ecological Observatory Network aquatic sites. 10 pp.

Grossman, G., Essington, T., Johnson, B., Miller, J., Monsen, N. & T. Pearsons. 2013. Effects of fish predation on salmonids in the Sacramento River – San Joaquin Delta and associated ecosystems. Report for Cal. Fish Wildlife/Delta Stewardship Council/NMFS. 71pp. <http://www.dfg.ca.gov/erp/predation.asp>

Evan Gallagher, E., Grossman, G., Johnson, L., Myers, M., & Watanabe, K.H. 2014 Review of the Delta Fish Health Project, Ecosystem Restoration Program. Cal. Dept. of Fish & Wildlife, 36 pp.

Popular Publications

The Jewfish and Me. 2015. <https://medium.com/@garydavidgrossman/the-jewfish-and-me-99e34b6a6693#.5wl45giff>

Southern Gems. 2008. American Angler Magazine, March-April issue. p. 8-9.

Ask Dr. Trout 2008. American Angler Magazine, November-December. (all 300 word columns)

Ask Dr. Trout 2009. American Angler Magazine January-February.

Ask Dr. Trout 2009. American Angler Magazine May-June.

Ask Dr. Trout 2009. American Angler Magazine July-August.

Ask Dr. Trout 2009. American Angler Magazine November-December.

Ask Dr. Trout 2010. American Angler Magazine January-February.

Ask Dr. Trout 2010. American Angler Magazine May-June.

Ask Dr. Trout 2010. American Angler Magazine July-August.

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Ask Dr. Trout 2011. American Angler Magazine, March-April.

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Ask Dr. Trout 2012. American Angler Magazine January-February.
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Ask Dr. Trout 2015. American Angler Magazine January-February
Ask Dr. Trout 2015. American Angler Magazine, March-April.
Ask Dr. Trout 2015. American Angler Magazine, May-June.

Poetry

Tomatoes in late August. Mobius 9:25
Winter clouds. The Old Red Kimono: 24:45
Haiku. Brussels Sprout: 12:42
A Poem. In Your Face: 11:36
Uncried tears. Poetry Motel Wallpaper 1995 (1 page broadside)
Crab Apples. Midwest Poetry Review October 1995:11
Salt Marsh Congregations. Opus Literary Review Fall 1995:7
Dining on Tybee. Feh 19:23
Northern Sierra. The Acorn 11:35
Dancing in January. The Acorn 11:24
Personal Values. Feh 20: 52
Cabin Fever. Feh 20: 50
Chimney Swifts at Dusk. The Acorn 12:14
Beach Bugs. Feh 21: 3
Carpel Tunnel Syndrome. Feh: 21: 37
Kudzu in Clarke County. Night Roses: 15: 4
Carnivory. Blood and Fire Review: 1:4
Georgia Rain. Cotton Gin: Spring 1997: 6
October Rill. Cotton Gin: Spring 1997: 7
While Clouds Linger Over Dreams. Acorn 16:41
I Have Always Wondered. Pearl: Winter 1998:96
Athenian Tragedy. Lilliput Review: 90:13
A Cardinal in January. Blood and Fire Review 5:20.
6:35 am. Athens Parent Magazine: Holiday Issue 2002
Anna, Age Three and One-Half Takes an Interest in Fashion. Athens Parent Magazine: Jan. 2003.
Reflections on Painting the Kitchen. Athens Parent Magazine: August 2003
Nightnoises. Athens Parent Magazine:

Chimney swifts in Athens, GA. Truck <http://halvard-johnson.blogspot.com/2013/10/chimney-swifts-in-athens-georgia-gary-d.html>

Rolodex, Truck <http://halvard-johnson.blogspot.com/2014/12/gary-d-grossman.html>

PAPERS PRESENTED AT SCIENTIFIC MEETINGS

(Invited papers are marked with an *, 127 total.)

1978

Grossman, G. D. Demographic characteristics of an intertidal bay goby population. American Society of Ichthyologists and Herpetologists, Annual Meeting, Tempe, AR.

1979

Grossman, G. D. The adaptive significance of intraspecific aggression in the bay goby. Ecological Research Society, Sacramento, CA.

1981

*Grossman, G. D. The deterministic regulation of community structure in a rocky intertidal fish community. Symposium on the ecology and physiology of intertidal fishes. American Society of Ichthyologists and Herpetologists, Annual Meeting, Corvallis, OR.

Grossman, G. D., Moyle, P. B., and J. O. Whitaker, Jr. Community regulation and patterns of resources partitioning. Third Pacific Technical Workshop in Fish Food Habit Studies. Asilomar, CA.

1982

Grossman, G. D. Non-equilibrium community structure in stream fishes. Georgia Fishery Workers Assoc., Annual Meeting, Athens, GA.

Grossman, G. D. and M. C. Freeman. Reproductive ecology of an intertidal sculpin *Oligocottus synderi*. Western Society of Naturalists, Annual Meeting, Long Beach, CA.

Grossman, G. D., Moyle, P. B., and J. O. Whitaker, Jr. Stochasticity in structural and functional organization of an Indiana stream fish assemblage. American Society of Ichthyologists and Herpetologists, Annual Meeting, DeKalb, Ill.

1983

Grossman, G. D. Deterministic regulation of an intertidal fish assemblage: effects of differential food resource utilization. American Society of Ichthyologists and Herpetologists, Annual meeting, Tallahassee, FL.

*Grossman, G. D. Microhabitat utilization in a southeastern United States stream fish assemblage. 2nd Congress on Iberian Ichthyology, Barcelona, Spain.

*Grossman, G. D. The detection of regulatory processes in fish assemblages: an empirical and philosophical examination of the concordance methodology. 2nd Congress on Iberian Ichthyology, Barcelona, Spain.

Grossman, G. D. and M. C. Freeman. Food resource partitioning: the mechanism of deterministic regulation in a rocky intertidal fish assemblage. Western Society of Naturalists, Annual Meeting, Vancouver, British Columbia, Canada.

Floyd, S., Grossman, G. D., and M. C. Freeman. Patterns of microhabitat utilization in a southeastern stream fish assemblage. American Society of Ichthyologists and Herpetologists, Annual Meeting, Tallahassee, FL.

Harris, M., Grossman, G. D., and M. Rawson. Tilefish catch rates and bottom sediment size composition in the South Atlantic Bight. Georgia Fishery Workers Assoc., Annual Meeting, Macon, GA.

1984

Grossman, G. D. Deterministic regulation of an intertidal fish assemblage: effects of differential food resource utilization. Fourth Technical Workshop in Fish Food Habit Studies, Asilomar, CA.

Freeman, M. C. and G. D. Grossman. Life history aspects of *Oligocottus snyderi* at Dillon Beach, CA. American Society of Ichthyologists and Herpetologists, Annual Meeting, Norman, OK.

Hightower, J. and G. D. Grossman. Effect of environmental variability on harvest policies for multi-aged fish stocks. American Fisheries Society, Annual Meeting, Cornell, NY.

Hill, J. and G. D. Grossman. Home range estimates for several stream fishes. American Society of Ichthyologists and Herpetologists, Annual Meeting, Norman, OK.

Erickson, D., Harris, M., and G. D. Grossman. Aspects of the reproductive biology of tilefish from the Georgia continental slope. Georgia Fishery Workers Assoc., Annual Meeting, St. Simons Island, CA.

Erickson, D. L., Harris, M., and G. D. Grossman. Ovarian cycling of tilefish (*Lopholatilus chamaeleonticeps*) from the South Atlantic Bight, USA. American Society of Ichthyologists and Herpetologists, Annual Meeting, Norman, OK.

Harris, M., Hightower, J., Erickson, D., and G. D. Grossman. A preliminary analysis of age structure sex ratios, and catch rates for a developing tilefish fishery off Georgia. Ga. Fishery Workers Assoc., Annual Meeting, St. Simons Island, GA.

1985

Grossman, G. D., Freeman, M. C., de Sostoa, A., Lobón-Cerviá, J., Viñolas, D., and M-A. Puig. A multivariate analysis of nest site selection in *Blennius fluviatilis* (Pisces: Blennidae) from the Rio Matarraña, Spain. American Society of Ichthyologists and Herpetologists, Annual Meeting, Knoxville, TN.

*Grossman, G. D., de Sostoa, A., Freeman, M., and J. Lobón-Cerviá. Microhabitat selection in Spanish riverine fishes. Fifth Congress of European Ichthyologists, Stockholm, Sweden.

*Grossman, G. D., Freeman, M. C., Hill, J., Stouder, D., Facey, D., Barrett, J., and M. Flood. Organization of a southern Appalachian stream fish assemblage: a summary of current work. American Society of Ichthyologists and Herpetologists, Annual Meeting, Knoxville, TN.

Hill, J. and G. D. Grossman. Home range estimates for several stream fishes. Georgia Fishery Workers Assoc. Annual Meeting, Savannah, GA.

Erickson, D., Hightower, J., and G. D. Grossman. The relative gonadal index: an alternative index for quantification of reproductive condition. Am. Fish. Soc., Annual Meeting, Sun Valley, ID.

1986

Grossman, G. D., de Sostoa, A., Freeman, M. and J. Lobón-Cerviá. Microhabitat selection in Spanish riverine fishes. American Society of Ichthyologists and Herpetologists, Annual Meeting, Victoria, British Columbia.

Barrett, J. and G. D. Grossman. Effects of exposure to direct current electricity on the survivorship of some non-game stream fishes. Georgia Fishery Workers, Annual Meeting, Atlanta, GA.

Barrett, J. and G. D. Grossman. Direct-current electricity, a suitable method for long-term population analysis of stream fishes. American Society of Ichthyologists and Herpetologists, Annual Meeting, Victoria, British Columbia.

*Facey, D., Grossman, G. D. and G. S. Helfman. Seasonal comparisons of oxygen consumption of four stream fishes at different water velocities. American Fisheries Society, Annual Meeting, Providence, R.I.

Hill, J. and G. D. Grossman. A model of current velocity use for two southern Appalachian stream fishes. American Society of Ichthyologists and Herpetologists, Annual Meeting, Victoria, British Columbia.

Hill, J. and G. D. Grossman. A model of current velocity utilization for rainbow trout and rosyside dace. Georgia Fishery Workers, Annual Meeting, Atlanta, GA.

Welch, T. and G. D. Grossman. Trends in catch-per-unit-effort, length composition, and reproduction in the tilefish fishery off Georgia 1982-1985. Georgia Fishery Workers, Annual Meeting, Atlanta, GA.

1987

Barrett, J. C. and G. D. Grossman. Methoxychlor induced food limitation and its effects on microhabitat selection in two species of stream fishes. American Society of Ichthyologists and Herpetologists, Annual Meeting, Albany, NY.

Crawford, M., Freeman, M., and G. D. Grossman. Drought effects on a southern Appalachian stream fish assemblage. American Society of Ichthyologists and Herpetologists, Annual Meeting, Albany, NY.

Facey, D., Grossman, G. D. and G. Helfman. Is the cost of holding position important in microhabitat selection by stream fishes? Assoc. Southeastern Biologists, Annual Meeting, Athens, GA.

*Grossman, G. D., de Sostoa, A., Freeman, M., and J. Lobón-Cerviá. Effects of the introduction of rainbow trout on microhabitat use in a Spanish riverine fish assemblage. American Society of Ichthyologists and Herpetologists, Annual Meeting, Albany, NY.

Welch, T. J. and G. D. Grossman. Effects of increasing exploitation on the reproductive demography of female tilefish. American Society of Ichthyologists and Herpetologists, Annual Meeting, Albany, NY.

1988

*Grossman, G. D. and A. de Sostoa. Microhabitat use in a Spanish riverine fish assemblage: effects of rainbow trout. Sixth Congress of European Ichthyologists, Budapest, Hungary.

1989

Barrett, J. A. and G. D. Grossman. The effects of suspended sediment on the reactive distance of rainbow trout from a southern Appalachian stream. American Society of Ichthyologists and Herpetologists, Annual Meeting, San Francisco, CA.

Boule, V. and G. D. Grossman. The effects of rosyside dace (*Clinostomus funduloides*) on microhabitat use by rainbow trout (*Oncorhynchus mykiss*). American Society of Ichthyologists and Herpetologists, Annual Meeting, San Francisco, CA.

Freeman, M. C. and G. D. Grossman. Foraging behavior of a stream cyprinid: shoals or aggregations? American Society of Ichthyologists and Herpetologists, Annual Meeting, San Francisco, CA.

1990

Grossman, G. D., Crawford, M. C. and R. Ratajczak. The effects of a drought on assemblage structure and microhabitat use in a southern Appalachia stream fish assemblage (poster). Long Term Ecological Research Program (N.S.F.) - All Scientists Meeting, Estes Park, CO.

Freeman, M. C., and G. D. Grossman. Habitat characteristics and aggregation of a stream cyprinid. American Society of Ichthyologists and Herpetologists, Annual Meeting, Charleston, SC.

1991

Grossman, G. D., Ratajczak, R. and M. C. Crawford. Effects of a drought on fish assemblage stability and microhabitat use in Coweeta Creek, N.C. American Society of Ichthyologists and Herpetologists, Annual Meeting, New York, NY.

Barrett, J. C., Grossman, G. D. and J. Rosenfeld. Reactive distance and prey pursuit speeds in rainbow trout at three turbidity levels. American Society of Ichthyologists and Herpetologists, Annual Meeting, New York, NY.

*Grossman, G. D. and J. Hill. A mechanistic approach to the study of microhabitat selection in drift-feeding fish. American Fisheries Society, Annual Meeting, San Antonio, TX.

1992

*Grossman, G. D. An ethical and ecological perspective on the introduction of species for sportfishing. American Fisheries Society, Annual Meeting, Rapid City, SD.

1993

Grossman, G. D. and J. Todd Petty. Microhabitat selection by mottled sculpin: the effects of spatial variation in invertebrate abundance. Southern Division of the American Fisheries Society, Student Symposium, Nashville, TN.

1994

Grossman, G. D. and J. Todd Petty. Patch selection by a predatory benthic stream fish. North American Benthological Society, Annual Meeting, Orlando, FL.

*Grossman, G. D. Some thoughts on the relationship between habitat structure in lotic environments and the conservation of evolutionarily significant units. Evolution and the Aquatic Ecosystem, American Fisheries Society Special Meeting, Monterey, CA.

Petty, J. T. and G. D. Grossman. Patch selection by mottled sculpin. American Fisheries Society Georgia Chapter, Annual Meeting, Columbus GA.

1995

Grossman, G. D. and J. Todd Petty. Variation in the microdistribution of lotic invertebrates and its implications for applied and basic studies of benthic fishes. American Fisheries Society Georgia Chapter, Annual Meeting, Athens, GA.

Grossman, G. D. and J. Todd Petty. A riffle is not a riffle: understanding the functional characteristics of habitat use by stream fishes. Southern Division of the American Fisheries Society, Annual Meeting, Virginia Beach, VA.

*Grossman, G. D. The adequacy of ecological evidence for increased production at artificial reefs. American Fisheries Society, Annual Meeting, Tampa, FL.

*Seaman, W.J., and G. D. Grossman. Future artificial reefs in the North American coastal ocean: can science resolve the biological enhancement question? 30th European Marine Biological Symposium. Northern Ireland.

1996

Grossman, G. D. and J. Todd Petty. A model of patch selection for predicting the distribution of mottled sculpin across spatial scales. American Society of Ichthyologists and Herpetologists, Annual Meeting, New Orleans, LA.

1997

Grossman, G. D. Effects of environmental variation and interspecific interactions on assemblage structure and microhabitat use by stream fishes. American Society of Ichthyologists and Herpetologists, Annual Meeting, Seattle, WA.

Petty, J. T. and G. D. Grossman. Prey dynamics, competitive interactions and space use by a predatory benthic stream fish. American Society of Ichthyologists and Herpetologists, Annual Meeting, Seattle, WA.

Petty, J. T. and G. D. Grossman. Patch selection by mottled sculpin in a southern Appalachian stream. Association of Southeastern Biologists, Annual Meeting, Greenville, SC.

Thompson, A. R. and G. D. Grossman. The influence of prey availability and physical habitat characteristics on distribution patterns of longnose dace, *Rhinichthys cataractae*. American Society of Ichthyologists and Herpetologists, Annual Meeting, Seattle, WA.

1998

*Petty J.T. & G.D. Grossman. Identifying mechanisms of patch selection and space use by mottled sculpin in a dynamic landscape. Ecology of Stream Fishes: State of the Art, Lueca, Spain

Petty, J.T., and G.D. Grossman. The effects of prey patch dynamics and size dependent competitive interactions on the space use behaviors of mottled sculpin. Ecological Society of America, Annual Meeting. Baltimore, MD

Thompson, A.R., & G.D. Grossman. Habitat use by longnose dace *Rhinichthys cataractae* in a complex environment. Ecology of Stream Fishes: State of the Art, Lueca, Spain

Thompson, A.R., Petty, J.T., & G.D. Grossman. Effects of spatial and temporal heterogeneity on habitat use by longnose dace, *Rhinichthys cataractae*. Association of Southeastern Biologists, Annual Meeting, Monroe LA.

Thompson, A.R., Petty, J.T., & G. Grossman. Foraging patch choice by longnose dace, *Rhinichthys cataractae*, in a complex landscape: effects of spatial and temporal variation. Ecological Society of America, Annual Meeting, Baltimore MD.

1999

Grossman, G.D., Petty, J.T., Ratajczak, R.E. & M.D. Hunter. A multifactorial study of population regulation in the mottled sculpin (*Cottus bairdi*). American Society of Ichthyologists and Herpetologists, Annual Meeting, State College, PA.

Petty, J.T. and G. D. Grossman. The ideal despotic distribution and regulation of mottled sculpin populations in a southern Appalachian stream. American Society of Ichthyologists and Herpetologists, Annual Meeting, State College, PA.

Fausch, K. Nakano, S., Taniguchi, Y. & G. D. Grossman. 1999. Context-dependent rainbow trout invasions in Japan: an hypothesis on the roles of hydrology and biotic interactions. Ecological Society of America, Annual Meeting, Snowbird UT.

2000

Petty, J. T. & G. D. Grossman. Habitat selection by mottled sculpin: behavioral mechanisms underlying sculpin population dynamics. Ecology, Ethology, Evolution, and Conservation Biology of Fishes, Athens, GA.

Rashleigh, B. & G. D. Grossman. An individual-based model of *Cottus* population dynamics. Ecology, Ethology, Evolution, and Conservation Biology of Fishes, Athens, GA.

Rincon, P., & G. D. Grossman. Aggressive behavior in rosyside dace: a group-foraging, drift-feeding stream cyprinid. Ecology, Ethology, Evolution, and Conservation Biology of Fishes, Athens, GA.

2001

*Grossman, G.D. Long-term studies of fish assemblage organization and resource use in the Coweeta Creek drainage. Invited Keynote Address at the 2nd Symposium for European Freshwater Sciences, Toulouse, France.

Grossman, G. D., Rincon, P. & M. Farr, M. & R.E. Ratajczak. Optimal foraging theory predicts habitat use by threatened and non-threatened stream fishes. Georgia Chapter, American Fisheries Society Annual Meeting. Athens, GA.

Coombs, S. & G. D. Grossman. Mechanosensory-based rheotactic behaviors in fluvial and lacustrine populations of mottled sculpin (*Cottus bairdi*). Sixth International Congress of Neuroethology, Bonn Germany.

Smith, S. N. & G. D. Grossman. Microhabitat use by stream salamanders in the southern Piedmont (poster). Society for the Study of Amphibians & Reptiles, Annual Meeting, Indianapolis IN.

2002

Wagner, C. & G. D. Grossman. Interrelationships between social rank, aggression, foraging success in two drift-feeding fishes. American Society of Ichthyologists & Herpetologists, Annual Meeting, Lawrence KS.

Wagner, C. & G. D. Grossman. An automatic feeder for the delivery of natural prey to drift feeding fishes. American Society of Ichthyologists & Herpetologists, Annual Meeting

Henry, B. & G. D. Grossman. Microhabitat use by three darters in a Piedmont stream. American Society Ichthyologists & Herpetologists, Annual Meeting, Lawrence KS.

2003

Grossman, G.D., Rincon, P., Farr, M. & R. Ratajczak. A new optimal foraging model for drift-feeding stream fishes. Poster. North American Benthological Society, Annual Meeting, Athens, GA.

Henry, B., Wagner, C.M & G. D. Grossman. Microhabitat use by three darter species in a Piedmont stream. Poster. North American Benthological Society, Annual Meeting, Athens, GA.

Wagner, C.M & G. D. Grossman Condition-specific competition among stream fishes: implications for an ongoing invasion in the Little Tennessee River, North Carolina. Poster. North American Benthological Society, Annual Meeting, Athens, GA.

Wagner, C. & G. D. Grossman. Condition-specific competition between native and introduced minnows may mitigate an ongoing invasion. Ecological Society of America, Annual Meeting, Savannah, GA

Wagner, C. & G. D. Grossman. Behavioural interactions between native rosidside dace and introduced yellowfin shiner, implications from habitat selection theory for an ongoing invasion. Fisheries Society British Isles, Annual Meeting, Norwich, England.

2004

*Grossman, G. D. Innovative approaches to habitat selection in lotic vertebrates. Texas Rivers and Reservoir Management Society.

2005

*Grossman, G. & six coauthors. Interactions between stocked rainbow trout and non-game fishes in a southern Appalachian stream. American Fisheries Society, Annual Meeting, Anchorage, AK.

*Grossman, G & five coauthors. Life on the edge: population processes of *Cottus bairdi* in a southern Appalachian stream. American Fisheries Society, Annual Meeting, Anchorage, AK.

Skylfield, J. & five coauthors. Effects of Rainbow Trout upon a native Appalachian cyprinid. American Soc. Ichthyologists & Herpetologists, Annual Meeting, Tampa, FL.

Zamor, R. & G. D. Grossman. Effects of turbidity on reactive distance and capture success in the drift feeding stream minnow, Rosyside Dace (*Clinostomus funduloides*). American Soc. Ichthyologists & Herpetologists, Annual Meeting, Tampa, FL.

2006

*Grossman, G, Ratajczak, RI, Farr, M., Petty, J., & M. Wagner. Drought and biodiversity in a southern Appalachian stream, or why are there more fishes downstream. Ecology of Stream Fish: State of the Art and Future Prospects II. Leon Spain.

Hazelton, P. & G. D. Grossman. Effects of turbidity on competitive interactions between native and invasive stream minnows (Cyprinidae). Georgia Chapter - American Fisheries Society, Annual Meeting, Gainesville, GA.

Hazelton, P. & G. D. Grossman. Effects of turbidity on competitive interactions between native and invasive stream minnows (Cyprinidae). American Fisheries Society, Annual Meeting, Lake Placid, NY.

Hill, M. & G.D. Grossman. An ongoing investigation into the effects of rainbow trout on a native fish assemblage, Betty's Creek, GA. American Fisheries Society, Annual Meeting, Lake Placid, NY.

2007

Grossman, G. D., et al. Population Dynamics of Brook Trout in Ball Creek, NC. Georgia Chapter of the American Fisheries Society, Annual Meeting, Tybee Island, GA.. Poster.

Grossman, G.D., et al. Effects of stocked rainbow trout on non-game fish in Betty's Creek, GA.. Georgia Chapter of the American Fisheries Society, Annual Meeting, Tybee Island, GA.. Poster.

2008

Grossman, G. D., et al. Why there are more fish downstream. North American Benthological Society, Annual Meeting, Salt Lake City, UT.

*Grossman, G. D., et al. Why there are more fish downstream. Society for Conservation Biology, Annual Meeting, Chattanooga, TN.

*Grossman, G.D. & J.L. Sabo. Incorporating environmental variation into models of community stability: examples from stream fish assemblages. Annual meeting of the American Fisheries Society, Ottawa, Canada

Grossman, G.D., Petty, J.T., & Ratajczak, R. Optimal patch selection models for some southeastern benthic and water-column fishes. Southeastern Environmental Flows Partnership Meeting, Athens, GA

Grossman, G.D. Elkins, D. & R. Ratajczak Jr. The effects of rainbow trout on native fishes in a southern Appalachian stream. Georgia Chapter of the American Fisheries Society, Annual Meeting, Lake Oconee, GA.

Elkins, D., Ratajczak, R., Sundin, G. & G. Grossman. Effects of rainbow trout (*Onchorhynchus mykiss*) introductions on a native Appalachian cyprinid in an experimental stream. Georgia Chapter of the American Fisheries Society, Annual Meeting, Lake Oconee, GA.

Elkins, D., Grossman, G.D., Sundin, G., Ratajczak, R. The Effects of Rainbow Trout on Native Fishes in a Southern Appalachian Stream. Annual Meeting Southeastern Fishes Council, Chattanooga, TN.

Hazelton, P. & G. Grossman. Effects of turbidity, velocity and interspecific interactions on foraging behavior of native and introduced stream minnows. Georgia Chapter of the American Fisheries Society, Annual Meeting, Lake Oconee, GA.

2009

Grossman, G.D. & 3 co-authors. Long-term population dynamics of a southern brook trout population. American Fisheries Society Annual Meeting, Nashville TN

Grossman, G.D. & 3 co-authors. Demographic regulation of a southern brook trout population. North American Benthological Society Annual Meeting, Grand Rapids MI

Grossman, G.D. Southern brook trout, habitat, population dynamics and a potential fishery. Oconee River Chapter, Trout Unlimited. Athens, GA

Elkins, D. & G.D. Grossman. The effects of rainbow trout introductions on native fishes in a southern Appalachian stream. American Fisheries Society Annual Meeting, Nashville TN.

Hazelton, P. & G.D. Grossman. Turbidity, velocity and competition affect foraging success in rosyside dace and yellowfin shiner. American Fisheries Society Annual Meeting, Nashville TN

Martelo, J., Grossman, G.D. & Maegalhaes, M. Habitat use by fish in Mediterranean streams: responses to fine scale habitat heterogeneity. 13th European Congress of Ichthyology, Klaipeda, Lithuania

2010

*Grossman, G.D.. Habitat selection in southern stream fishes. Southern Division, American Fisheries Society, Annual Meeting, Asheville, NC.

Grossman, G.D. & 3 co-authors Long-term population dynamics of a southern brook trout population. Southern Division, American Fisheries Society, Annual Meeting, Asheville, NC.

Grossman, G.D. & Ratajczak, R. Macroinvertebrate diversity in a southern Appalachian stream, a test of the Intermediate Disturbance Hypothesis. North American Benthological Society Annual Meeting, Santa Fe, NM

Grossman, G.D. & Ratajczak, R. Population regulation in some southern Appalachian stream fishes. Southeastern Fishes Council, Annual Meeting, Athens, GA.

Elkins, D. Nibbelink, N & G. Grossman. LOCOH in an artificial stream: using a GIS to map the effects of rainbow trout on native minnows. Southeastern Fishes Council, Annual Meeting, Athens, GA.

*Gotelli, N. Dorazio, R, Ellison, A. & G. D. Grossman Measuring temporal change in community structure. Biological Diversity in a Changing World, Royal Society London, London, England

2011

Grossman, G.D. & Ratajczak, R. Population regulation in some southern Appalachian stream fishes. North American Benthological Society Annual Meeting, Providence, RI

*Grossman, G.D. Not all drift feeders are trout, American Fisheries Society, Annual Meeting, Seattle, WA
American Fisheries Society, Annual Meeting

2012

Anglin, Z & Grossman, G.D.. Microhabitat use and movements of southern brook trout in a southern Appalachian stream. Association Southeastern Biologists, Annual Meeting, Athens, GA.

Grossman, G.D. & Ratajczak, R. Population regulation in several southern Appalachian mountain stream fishes. .Association Southeastern Biologists, Annual Meeting, Athens, GA.

2013

*Grossman, G.D. Consequences of flow and habitat alterations for stream fishes. American Society of Ichthyologists and Herpetologists Annual Meeting. Albuquerque, NM

Grossman, G.D. Climate change and disturbance mediated stream fish assemblages in the southeast. Southeastern Fishes Council, Guntersville, AL

2014

Grossman, G.D. The use of music videos as teaching aids for a course in natural history. Association Southeastern Biologists, Annual Meeting, Spartanburg, SC.

Grossman, G.D. Climate change and a disturbance-mediated stream fish assemblage in the southeastern US. Society for Freshwater Sciences, Annual meeting, Portland, OR.

Martelo, J., Grossman, G.D., Porto, M. & Maegalhaes, M. Habitat patchiness affects distribution and microhabitat use of endangered Mira chub *Squalius torgalensis*. V Iberian Congress of Ichthyology, Lisbon, Portugal.

Monson, N. , Grossman, G.D, Miller, J., Essington, T., Johnson, B. and Pearsons, T. Making the Connection between Fish Predation Hot Spots and Regional Hydrodynamics. Bay-Delta Science Conference. Sacramento, CA

2015

Grossman, G.D. The Use of Original Music Videos as Innovative Instructional Resources for Fisheries and Ecology. Southern Division Annual Meeting, American Fisheries Soc. Savannah, GA

Grossman, G.D. Density dependence in brook trout populations – implications for conservation & management. Trout Committee Meeting, Southern Division, American Fisheries Soc. Helen, GA

Grossman, G.D. Effects of Predation on Fishes of the Sacramento-San Joaquin Delta. Delta Science Council Meeting, Sacramento, CA

Grossman, G.D. Original Music Videos As Innovative Instructional Resources for Fisheries. Am. Fisheries Society, Annual meeting, Portland, OR.

*Neuswanger, J. and Grossman, G.D. A new mechanistic model of drift feeding based on cognitive limits on visual information processing. Advances in the Population Ecology of Stream Salmonids IV (Girona, Spain).

Neuswanger, J. and Grossman, G.D. A new mechanistic model of drift feeding based on cognitive limits on visual information processing. Am. Fisheries Society, Annual meeting, Portland, OR.

Neuswanger, J. and Grossman, G.D. A new mechanistic model of drift feeding based on cognitive limits on visual information processing. Alaska Chapter Am. Fisheries Society,

INVITED LECTURES (53 total)

1983

The detection of regulatory processes in ecological communities. Zoological Institute of University of Salzburg, Austria.

Microhabitat utilization in a guild of southeastern USA stream fishes. Limnological Institute of the Austrian Academy of Sciences, Mondsee, Austria.

The detection of regulatory processes in ecological communities. Zoological Institute of the Universitat Innsbruck, Innsbruck, Austria.

1984

The detection of organization in animal assemblages: an empirical and philosophical examination of the concordance technique. Department of General Biology, Vanderbilt University, Nashville, TN.

Food resource partitioning: the mechanism of deterministic organization in a rocky intertidal fish assemblage. Department of General Biology, Vanderbilt University, Nashville, TN.

1985

Assemblage structure and resource utilization in an Appalachian stream fish assemblage. Department of Wildlife & Fisheries Science, Texas A&M University, College Station, TX.

Population dynamics of a lightly exploited tilefish (*Lopholatilus chamaeleonticeps*) substock off Georgia. Department of Wildlife & Fisheries Science. Texas A&M University, College Station, TX.

Assemblage organization in a southeastern U.S.A. stream fish assemblage. Institute of Limnology, University of Lund, Lund, Sweden.

Microhabitat selection in a Spanish riverine fish assemblage. Institute of Limnology, University of Lund, Lund, Sweden.

1987

Assemblage organization in a southeastern stream fish assemblage. Department Biological Sciences, University Southern Mississippi, Hattiesburg, MS.

Assemblage organization in a southeastern stream fish assemblage. Department Biological Sciences, University California Santa Barbara, Santa Barbara, CA.

Dynamics of a southern Appalachian stream fish assemblage. Appalachian Environmental Lab, University of Maryland, Frostburg, MD.

1988

Structure and function in a Southern Appalachian stream fish assemblage. Department of Biology, Virginia Commonwealth University, Richmond, VA.

Structure and function in a Southern Appalachian stream fish assemblage. Department of Zoology, University of Maine, Orono, ME.

Structure and function in a Southern Appalachian stream fish assemblage. Department of Biology, Appalachian State University, Boone, NC.

Structure and function in a Southern Appalachian stream fish assemblage. Institute of Zoology, University of Vienna, Vienna, Austria.

Population variability in North American stream fish assemblages. Environmental Protection Agency Research laboratory, Duluth, MN.

1991

The regulation of assemblage structure in a stream fish assemblage. U.S.D.A. Forest Service. Redwood Sciences Lab, Arcata, CA.

Structure and function in a southern Appalachian stream fish assemblage. Department of Wildlife & Fisheries Science, Texas A&M University, College Station, TX.

1992

Structure and function in a southern Appalachian stream fish assemblage. Department of Biology, Western Carolina University, Cullowhee, NC.

1993

Regulation of a southern Appalachian stream fish assemblage. Department of Zoology, University of Oklahoma, Norman, OK.

Function and structure of a southern Appalachian stream fish assemblage. Department of Biology, Morehouse College, Atlanta, GA.

Structure of a southern Appalachian stream fish assemblage. Oak Ridge National Laboratory, Oak Ridge, TN.

1994

Organization of a southern Appalachian stream fish assemblage. Department of Biologie, Université de Quebec, Trois Rivières, Quebec.

1999

Structure and function in a southern Appalachian stream fish assemblage. Department of Fisheries, Auburn University, Auburn, AL.

2000

Structure and function in a southern Appalachian stream fish assemblage. USEPA Research Laboratory, Athens, GA

2001

Environmental variation and fish assemblage structure in a southern Appalachian stream. Department of Biology, Western Carolina University, Cullowhee, NC.

Author or Acknowledgement? Smith Fellows Post-Doctoral Program, Nature Conservancy Workshop, Lake Tahoe, CA.

2002

Drought, finding a home and nasty neighbors: dynamics of a southern Appalachian stream fish assemblage. North Carolina State University, Raleigh NC.

Dynamics of a southern Appalachian stream fish assemblage. Laboratoire de Ecologie des Hydrosystemes fluviaux. University Lyon, Lyon, France

Lessons from 20 years of habitat selection research. Department of Biology, Western Carolina University, Cullowhee, NC.

2003

Determining authorship for scientific publications. Smith Fellows Post-Doctoral Program, Nature Conservancy Workshop, Jackson Hole, WY

International Visitor for Undergraduate/Graduate Education at Karlstad University, Karlstad, Sweden. This entailed presenting three lectures over a one-week period, and critiquing 11 graduate student research presentations.

2004

Habitat selection by lotic vertebrates – linking basic ecology and conservation biology. Dept. of Biology, Virginia Commonwealth University, Richmond, VA.

Why I divorced community ecology and married population ecology. Laboratoire Dynamique de la Biodiversite, Universite Paul Sabatier, Toulouse, France

Effects of turbidity on Georgia streams. Master Timber Harvesters Program, Georgia Pacific Corporation.

Reintroduction of native species: behavioral considerations. Georgia Dept. Natural Resources Fisheries Biologists Annual Meeting

2005

Why I divorced community ecology and married population ecology. School Biological Sciences, Kansas State University, Manhattan KS.

Why I divorced community ecology and married population ecology. School Biological Sciences, Western Carolina University, Cullowhee, NC.

Why I divorced community ecology and married population ecology. School Biological Sciences, University of Oklahoma, Norman, OK

2006

Why I divorced community ecology and married population ecology. Dept. Watershed Sciences, Utah State University, Logan, UT

Streams in Eastern forests - Down the rapids in 30 minutes. Eastern Forest Wildlife Summit, Asheville NC

2007

Why I divorced community ecology and married population ecology. Ecology Graduate Program, University California Davis, Davis CA.

Habitat and population regulation in southern stream fishes. River Basin Center, University of Georgia, Athens, GA

Habitat use and population structure in North American Cottus: conservation implications. Annual Meeting Japanese Society Ichthyologists, Sapporo, Japan.

2008

The importance of interactive versus individualistic processes in a southern Appalachian stream fish assemblage. Dept. Ecology and Evolutionary Biology, Tulane University, New Orleans, LA

The importance of interactive versus individualistic processes in a southern Appalachian stream fish assemblage. Dept. Animal Biology, University of Lisbon, Lisbon, Portugal.

The importance of interactive versus individualistic processes in a southern Appalachian stream fish assemblage. Dept. Biology, University of North Carolina, Chapel Hill, NC.

2010

Grossman, G.D. Effects of flow variation on fish assemblage structure and microhabitat use. Hydronet Networking Workshop, Montreal, Canada

2011

A 30 year look at southern Appalachian (USA) stream fishes or why I divorced community ecology for stream ecology. Dept. Zoology, University of Otago, Dunedin, New Zealand.

Parallels and contrasts in sculpture and science: a practitioner's view. Distinguished Communicator Lecture Series, Centre for Science Communication, University of Otago, Dunedin, New Zealand.

Innovative approaches to habitat selection and biodiversity regulation in southeastern fishes. University Georgia Fisheries Society, Athens, GA

2012

Stream biodiversity in the Southern Appalachians with thoughts about Mississippi applications, University of Mississippi, Oxford, MS

PUBLIC LECTURES

2007

From tulip trees to Tricoptera to trout: how streams work in the southern Appalachians. Tailwater Chapter Trout Unlimited, Clarkesville, GA

From tulip trees to Tricoptera to trout: how streams work in the southern Appalachians. Cohutta Chapter Trout Unlimited, Marietta GA

From tulip trees to Tricoptera to trout: how streams work in the southern Appalachians. Southeastern Chapter Conclave, Federation Fly Fishers, Calloway Gardens, GA

A different view of trout: how streams work in the southern Appalachians. Rabun Chapter, Trout Unlimited, Clayton, GA

2009

Southern brook trout, habitat, population dynamics and a potential fishery. Oconee River Chapter, Trout Unlimited. Athens, GA

2013

Density dependence in brook trout populations – implications for conservation & management
Invited talk for the Foothills GA chapter of Trout Unlimited.

SYMPOSIA ORGANIZED

1998

Landscape approaches to the study of stream fish assemblages (with Pedro Rincon). Ecology of Stream Fishes: State of the Art, Luarca. Spain

Community and population ecology of stream fish assemblages (with Pedro Rincon). Ecology of Stream Fishes: State of the Art, Luarca. Spain

2000

Mechanistic approaches to habitat selection in fishes (with J. T. Petty). Ecology, Ethology, Evolution, and Conservation Biology of Fishes, Athens, GA.

2006

Served on the organizing committee of Ecology of Stream Fish: State of the Art and Future Prospects II. Leon Spain.

HONORS

1979

Honorable Mention, Best Student Paper Award Ecological Research Society, Sacramento, CA.

1981

George Wise Postdoctoral Fellowship, University of Tel Aviv (declined in order to accept position at University of Georgia).

1984

Best Student Paper (co-author with Joe Hightower) at Annual Meeting of the American Fisheries Society.

1986

Honorable Mention, Best Student Paper Award (co-author with Douglas Facey) at Annual Meeting of the American Fisheries Society.

1995 - Present

Listed in Who's Who in America.

1996 - Present

Listed in A Directory of American Poets and Fiction Writers, 1997-1998 edition.

1997

Honorable Mention, Best Student Paper Award (co-author) at Annual Meeting of Association of Southeastern Biologists.

1998

Nominee for Creative Research Medal University of Georgia.

2001

University Georgia Disability Services Outstanding Faculty Member of the Year

2004-2009

Distinguished Research Professorship, University Georgia

2009

Honorable Mention, Best Student Paper Award (co-author with Duncan Elkins) at Annual Meeting of the American Fisheries Society.

2010

Member, Center for Independent Experts, NOAA

2011

William Evans Fellow, University of Otago, New Zealand

2014

Carl Sullivan Fishery Conservation award of the American Fisheries Society.

2015

Elected to the first class of Fellows, American Fisheries Society

RESEARCH GRANTS (only funded grants listed)

1982-1983

Population dynamics of unexploited demersal fishes off Georgia. U.S. Dept. Commerce, N.O.A.A. Sea Grant Program, \$36,700.

1982-1987

Community regulation in stream fishes and its relation to forest land management. U.S.D.A., Forest Service, McIntyre-Stennis Program. \$161,000.

1983-1984

Population dynamics of an unexploited tilefish (*Lopholatilus chamaeleonticeps*) stock off Georgia. U.S. Dept. Commerce, N.O.A.A. Sea Grant Program, \$46,000.

1984-1986

Population dynamics of an unexploited tilefish (*Lopholatilus chamaeleonticeps*) stock off Georgia. U.S. Dept. Commerce, N.O.A.A. Sea Grant Program, \$79,900.

1984

Microhabitat utilization in Spanish stream fishes. University of Georgia Faculty Research Grant, \$7,500.

1985-1988

Ecological-environmental relationships in some Rio Matarraña fish assemblages. With J. Nadal, Universidad de Barcelona. Joint U.S.-Spanish Committee for Scientific and Technological Cooperation (U.S. State Dept.), \$180,000.

1985-1990

Long-term ecological research in forested watersheds at Coweeta Hydrologic Laboratory, North Carolina. With 15 co-principal investigators. National Science Foundation, \$1,824,937.

1987-1988

The effects of rosyside dace (*Clinostomus funduloides*) on microhabitat use by rainbow trout (*Salmo gairdneri*). U.S.D.A. Forest Service, \$30,000.

1987-1992

Community regulation in streams fishes and its relation to forest land management. U.S.D.A., Forest Service, McIntyre-Stennis Program. \$195,000 (renewal, formula funds).

1988-1989

The effects of turbidity on foraging success of rainbow trout. U.S.D.A. Forest Service. \$29,000.

Replacement of Brook trout by rainbow trout in the Southeastern USA: a problem analysis. U.S.D.A. Forest Service, \$10,000.

1991-1996

Long-term studies of ecosystem response to disturbance along environmental gradients at Coweeta Hydrologic Laboratory. With 17 co-principal investigators. National Science Foundation. \$3,100,000.

1992-1997

Community regulations in stream fishes and its relation to forest land management. U.S.D.A., Forest Service, McIntire-Stennis program. \$227,600.

1996-2001

Long-term studies of disturbances as they affect ecological processes in landscapes of the southern Appalachians. With 32 co-principal investigators. National Science Foundation, \$6,030,489.

1997-2002

The regulation of stream fish populations in a forested habitat. U.S.D.A., Forest Service, McIntire-Stennis program. \$275,000 (renewal, formula funds).

2002 - 2007

Effects of trout stocking on native non-game fishes in Georgia. Georgia Dept. Natural Resources, Wildlife Resources Division. \$138,408.

2002 - 2008

Ecological consequences of Land Use change in the Southern Appalachian Mountains. With 32 co-principal investigators. National Science Foundation, \$6,600,000. (Grossman's share \$242,896 [includes indirect costs]).

2002-2007

Habitat models for management and conservation of stream fishes in southern Appalachian forests. U.S. D.A., Forest Service, McIntire-Stennis program. \$379,500 (formula funds).

2002

A study on the use of hydroacoustic and biological surveying to assess fish populations in the Altamaha and MacKay Rivers. Georgia Sea Grant Program \$10,000 (Co-PI- Daniela Dilorio)

2003

Effects of Turbidity on Foraging Success of Native Upland Stream Fishes. U.S.E.P.A., Athens branch, \$25,000

The effects of inter- vs. intraspecific aggression on the neuroendocrine stress axis. Drs. Matt Grober & Gary Grossman Co-PI's, Center for Behavioral Neuroscience, Georgia State University, \$30,000.

2007-2008

Effects of trout stocking on native non-game fishes in Georgia. Georgia Dept. Natural Resources, Wildlife Resources Division. \$67,650.

2008

Portuguese Foundation for Science and Technology - Grant to support the research of Joana Martelo. \$10,000 (renewable to E10,000 for 2009 and 2010)

2008-2009

National resource condition assessment for Blue Ridge Parkway, Cumberland Gap National Historical Park, Big South Fork National River and Recreation Area, Kings Mountain National Military Park, Cowpens National Battlefield, and Ninety Six National Historical Site. \$205,625 Co_PI.

2009

Portuguese Foundation for Science and Technology – Grant to support the research of Joana Martelo. \$10,000

2009-2011

National resource condition assessment for Gulf Islands National Seashore, Jean Lafitte National Historical Park and Preserve, Natches Trace Parkway, Shiloh National Military Park, and Vicksburg National Military Park. \$265,000 Co_PI.

2014-2015

MultiModal Learning in Natural Resource Ecology. UGA Center for Teaching and Learning. \$13,231

2014-2017

Development and testing of mechanistic fitness-based models to predict habitat choice, behavior and recruitment of Juvenile Chinook Salmon in the Arctic-Yukon, Kuskokwim Region. North Pacific Research Board, \$495,282.

ACADEMIC AND PROFESSIONAL SERVICE

University-wide Committees

University Council, 1991-1994.

Graduate Council, 1991-1994.

University-Wide Faculty Grievance Committee, 1991-1994, Chair 1993-1994.

Graduate Council Faculty Admissions and Retention Committee, 1991-1994.

Ad-Hoc Committee to Evaluate the Director of the Georgia Museum of Art, 1996.

President's Appeal Committee 1996-2003.

University Wide Libraries Committee 2001-2004

Best Dissertation Award Committee 2004-2005

University Program Review Committee for Marine Extension 2010-2011 (Chair)

School of Forest Resources and Ecology Graduate Group Committees.

Executive Committee (The decision-making responsibilities of this committee include: administration, policy, and graduate admissions and assistantships), Ecology Graduate Group, 1983-1992.

Promotion and Tenure Committee, School of Forest Resources 2004, 2005

Ad-Hoc Committee on Faculty Evaluations, School of Forest Resources, 1989.

Seminar Committee (chair), 1999-2005, 2010-present

Strategic Planning Committee, School of Forest Resources, 1991.

Convocation Committee, School of Forest Resources, 1983-1992.

Research Review Committee, School of Forest Resources, 1992-1998.

Graduate Affairs Committee, 1994-1996, 2014-present.

Curriculum Committee, School of Forest Resources, 1982-1983, 1992-1996.

Administrative Committee, School of Forest Resources, 1993-1994, 1995-1996, 2004-2006.

Staff Awards Committee, School of Forest Resources 1991-1997.

Colloquium Committee, School of Forest Resources, 2002-2012.

Ad-Hoc Committee for the Evaluation of Faculty EFT's, School of Forest Resources 1996.

Membership on Committees of Professional Societies, Government Agencies, or Non-Governmental Organizations

Estuarine Resource Committee, Southern Division, American Fisheries Society, 1985-1987

Animal Care Committee, American Society of Ichthyologists and Herpetologists, 1987-1988.

Board of Governors, American Society of Ichthyologists and Herpetologists, 1987-1990.

Publications Policy Committee, American Society of Ichthyologists and Herpetologists, 1987-1990.

Chair, subcommittee on Endowments, Long Range Planning and Finance Committee American Society of Ichthyologists and Herpetologists 1991-1992

Chair, subcommittee on Life Memberships, Long Range Planning and Finance Committee American Society of Ichthyologists and Herpetologists 1992-1993

Board of Governors, American Society of Ichthyologists and Herpetologists, 1991-1995.

Long-Range Planning and Finance Committee, American Society of Ichthyologists and Herpetologists, 1991-1994.

Submerged Timber Committee, Georgia DNR 2000-present

Science Advisory Committee, Smith Conservation Post-Doctoral Fellowships Program, The Nature Conservancy, 2002-2005.

Publications Overview Committee, American Fisheries Society, 2004-2006 member, 2005-6 chair

Aquatic Technical Working Group, member, for National Ecological Observatory Network 2011 - present

Editorial Responsibilities

Editor for ecology, ethology and environmental physiology, for Copeia (Journal of the American Society of Ichthyologists and Herpetologists), August 1987 to October 1990.

Associate Editor for Transactions of the American Fisheries Society, September 1991-September 1993.

Board of Editors, Animal Biodiversity and Conservation, 2002-present.

Member of the editorial board of Copeia (Journal of the American Society of Ichthyologists and Herpetologists) 1985-1987, 1991-1993.

Member of the editorial board of Ecology of Freshwater Fishes, June 1992-present.

Member of the editorial board of Freshwater Biology, August 1993-present.

Asked to referee over 400 articles for the following journals:

American Midland Naturalist

American Naturalist

Amphibia and Reptilia
Archiv fur Hydrobiologie
Aquatic Conservation
Aquatic Ecology
Aquatic Sciences
Biological Oceanography
Bulletin of Marine Science
Copeia
Ecography
Ecology
Ecological Applications
Ecosphere
Environmental Biology of Fishes
Fisheries
Fishery Bulletin
Fisheries Research
Functional Ecology
Great Basin Naturalist
Hydrobiologia
Japanese Journal Ichthyology
Journal of Applied Ecology
Journal of Experimental Marine Biology and Ecology
Journal of Fish Biology
Journal of Natural History
Journal of the North American Benthological Society
Marine Biology
Marine Ecology: Progress Series
Oecologia
National Geographic Society Journal Research and Exploration
New Zealand Journal of Marine and Freshwater Research
Philos. Transactions of the Royal Society of London B
Northeastern Naturalist
Proceedings Fifth Congress European Ichthyology
Proceedings Georgia Water Resources Conference
Southeastern Naturalist
Southwestern Naturalist
Transactions of the American Fisheries Society
Zoologica Sinica (Chinese Journal of Zoology)

Grant Proposals Reviewed

Asked to referee an estimated 100+proposals for the following organizations:

National Geographic Society
National Science Foundation
National Sea Grant Program
National Environmental Research Council, Canada
National Environmental Research Council, United Kingdom
Cal-Fed Bay Delta Grant Program
Polish National Science Center

Review Teams

International

Served on the 2002 review panel by the French National Center for Scientific Research (i.e. French NSF) of the Laboratoire des hydrosystemes fluviaux at the University of Lyon, Lyon, France.

National

Served on the 1985 site review team for the Virginia Sea Grant Program

Served on the 1990, 1992 and 2001 external review panels for the Florida Sea Grant Program.

Served on the 2003 Review Panel for the Smith Post-Doctoral Fellows program, The Nature Conservancy

Served on the 2005 Technical Review Panels for the CALFED Basic Science Program

Served on the 2005 Grant Review Panel for USDI Grand Canyon Research Center

Served on the 2006 Technical Review Panel for the CALFED Ecosystem Restoration Program

Served on the 2010 SEDAR Review Panel for black grouper and red grouper.

Served on the 2010 Logic Chain Review Panel for California Delta Stewardship Council

Served on the 2011 Grant Review Panel California Delta Stewardship Council

Served 2011 to present on National Ecological Observatory Network (NEON), Aquatic Technical Working Group

Served on the National Ecological Observatory Network (NEON) team writing the fish sampling protocols for the 30+ national observatory sites.

External Evaluator for Promotion/Tenure

Associate Professor with tenure

Auburn University

Drexel University

Mississippi State University

Purdue University

State University New York, Stony Brook

Texas A&M University

University of Alaska, Fairbanks

University of California Davis

University of Maryland

University of South Florida

University of Florida

University of Oklahoma

Universite Paul Sabatier, France (HDR 2)

Virginia Commonwealth University

Full Professor

Kansas State University

University of California Davis (2)
University of California Santa Barbara,
University of Hawaii,
University of Mississippi
Mississippi State University
University of Oklahoma (2)
University of Southern Mississippi
Texas State University
Texas Technical University
Queen Mary College University of London (Distinguished Professor)
Virginia Tech (Virginia Outstanding Professor Award)

Federal

U.S. Geological Survey-Coop Unit Program: Research Scientist GS 13 to GS 14

External Examiner for Foreign PhD Students

David Crook, PhD, Charles Sturt University, Australia
Nicholas Poulet, PhD, Universite Paul Sabatier, France
Eric Hansen, PhD, University of Otago, New Zealand
Shannon Crow, PhD, University of Otago, New Zealand
Craig Chargulaf, PhD, University of Queensland, Australia
Amelia Wenger, PhD, James Cook University, Queensland, Australia

Sessions Chaired at Scientific Meetings

1982

Western Society of Naturalists Annual Meeting, Long Beach, CA.

1984

American Society of Ichthyologists and Herpetologists Annual Meeting, Norman, Oklahoma.

1986

Georgia Fishery Workers Annual Meeting, Atlanta, GA.

American Society of Ichthyologists and Herpetologists Annual Meeting, Victoria, British Columbia.

1987

American Society of Ichthyologists and Herpetologists Annual Meeting, Albany, NY.

1988

Sixth Congress of European Ichthyologists, Budapest, Hungary.

1989

American Society of Ichthyologists and Herpetologists Annual Meeting, San Francisco, CA.

1997

Member of the steering committee for Ecology of Stream Fishes: State-of-the-Art and future prospects, Lueca Spain.

1998

Ecology of Stream Fishes: State-of-the-Art and future prospects, Lueca Spain. Ecology of Stream Fishes: State-of-the-Art and future prospects, Lueca Spain, 2 sessions (symposia organizer).

1999

American Society of Ichthyologists and Herpetologists Animal Meeting, State College, PA.

2000

Ecology, Ethology, Evolution, and Conservation Biology of Fishes, Athens, GA, (symposia organizer).

2001

American Fisheries Society Georgia Chapter, Annual Meeting, Athens, GA.

2006

Ecology of Stream Fishes: State-of-the-Art and future prospects, Luarca Spain. Ecology of Stream Fishes: State-of-the-Art and future prospects, Luarca Spain, 2 sessions (symposia organizer).

2008

North American Benthological Society, Annual Meeting, Salt Lake City, UT

Southeastern Environmental Flows Partnership, Athens, GA.

2010

Southeastern Fishes Council, Annual Meeting, Athens, GA.