

CURRICULUM VITAE

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Degrees: B.A. with Distinction in Biology, Swarthmore College, 1976
M.S. in Fisheries, University of Washington, 1978
Ph.D. in Fisheries, University of Washington, 1981

Employment:

2000-present	Professor, School of Aquatic and Fishery Sciences
1990-2000	Associate Professor, School of Fisheries,
1992-1995	Associate Director for Instruction, School of Fisheries
1986-1990	Assistant Professor, School of Fisheries, Univ. of Washington
1984-1985	Research Associate, Department of Oceanography, University of British Columbia, Vancouver, B.C.
1981-1984	Post-doctoral Fellow, University of British Columbia and Pacific Biological Station, Nanaimo, B. C., Canada

Research Interests:

Behavior, ecology and evolution of fishes, with emphasis on migrations, life history patterns, reproduction, habitat requirements and diversification of Pacific salmon

Honors:

College of Ocean and Fishery Sciences Undergraduate Teaching Award, 1989
Distinguished Teaching Award, University of Washington, 1991
Marsha Landolt Distinguished Graduate Mentor Award, University of Washington, 2008
Excellence in Fisheries Education Award, American Fisheries Society, 2010
National Research Council panel on the Status of Pacific Northwest Anadromous Salmonids
College of Ocean and Fishery Sciences Distinguished Research Award 1998
Fulbright Fellowship to study in Ireland, 2000
Elected member, Washington State Academy of Sciences, 2010

Publications

1978

- Quinn, T., G.W. Esch, T.C. Hazen and J.W. Gibbons. 1978. Long range movement and homing by largemouth bass (*Micropterus salmoides*) in a thermally altered reservoir. *Copeia* 1978: 542-545.
- Quinn, T.P. 1978. The role of the odors of conspecifics in the locomotor behavior of the blind cave characin, *Astyanax jordani*. Master's thesis, University of Washington.

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- Quinn, T.P. 1980. Locomotor responses of juvenile blind cave fish, *Astyanax jordani*, to the odors of conspecifics. *Behavioral and Neural Biology* 29: 123-127.
- Quinn, T.P. 1980. Evidence for celestial and magnetic compass orientation in lake migrating sockeye salmon fry. *Journal of Comparative Physiology* 137: 243-248.
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- Quinn, T.P. 1981. Compass orientation of juvenile sockeye salmon (*Oncorhynchus nerka*). Doctoral dissertation, University of Washington.
- Quinn, T.P., R.T. Merrill and E.L. Brannon. 1981. Magnetic field detection in sockeye salmon. *Journal of Experimental Zoology* 217: 137-142.
- Brannon, E.L., T.P. Quinn, G.L. Lucchetti and B.D. Ross. 1981. Compass orientation of sockeye salmon from a complex river system. *Canadian Journal of Zoology* 59: 1548-1553.

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- Whitman, R.P., T.P. Quinn and E.L. Brannon. 1982. The influence of suspended volcanic ash on the homing behavior of adult chinook salmon. *Transactions of the American Fisheries Society* 111: 63-69.
- Quinn, T.P. and E.L. Brannon. 1982. The use of celestial and magnetic cues by orienting sockeye salmon smolts. *Journal of Comparative Physiology* 147: 547-552.
- Quinn, T.P. 1982. A model for salmon navigation on the high seas. In: E.L. Brannon and E.O. Salo (editors), *Salmon and Trout Migratory Behavior Symposium*. School of Fisheries, University of Washington, pp. 229-237.
- Quinn, T.P. 1982. Intra-specific differences in sockeye salmon fry compass orientation mechanisms. In: E.L. Brannon and E.O. Salo (editors), *Salmon and Trout Migratory Behavior Symposium*. School of Fisheries, University of Washington, pp. 79-85.

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- Quinn, T.P., E.L. Brannon and R.P. Whitman. 1983. Pheromones and the water source preferences of adult coho salmon (*Oncorhynchus kisutch*). *Journal of Fish Biology* 22: 677-684.

Quinn, T.P. and C. Groot. 1983. Orientation of chum salmon (*Oncorhynchus keta*) after internal and external magnetic field alteration. *Canadian Journal of Fisheries and Aquatic Sciences* 40: 1598-1606.

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- Quinn, T.P. 1984. An experimental approach to fish compass and map orientation. In: J.D. McCleave, G.P. Arnold, J.J. Dodson and W.H. Neill (editors), *Mechanisms of Migration in Fishes*. Plenum Press, New York, pp. 113-123.
- Quinn, T.P. 1984. Homing and straying in Pacific salmon. In: J.D. McCleave, G.P. Arnold, J.J. Dodson and W.H. Neill (editors), *Mechanisms of Migration in Fishes*. Plenum Press, New York, pp. 357-362.
- Ogden, J.C. and T.P. Quinn. 1984. Migration in coral reef fishes: Ecological significance and orientation mechanisms. In: J.D. McCleave, G.P. Arnold, J.J. Dodson and W.H. Neill (editors), *Mechanisms of Migration in Fishes*. Plenum Press, New York, pp. 293-308.
- Quinn, T.P. and C. Groot. 1984. The effect of water flow rate on bimodal orientation of juvenile chum salmon, *Oncorhynchus keta*. *Animal Behaviour* 32: 628-629.
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- Quinn, T.P. and J.C. Ogden. 1984. Field evidence of compass orientation in migrating juvenile grunts (Haemulidae). *Journal of Experimental Marine Biology and Ecology* 81: 181-192.
- Quinn, T.P. and K. Fresh. 1984. Homing and straying in chinook salmon (*Oncorhynchus tshawytscha*) from Cowlitz River Hatchery, Washington. *Canadian Journal of Fisheries and Aquatic Sciences* 41: 1078-1082.
- Quinn, T.P. and C. Groot. 1984. Pacific salmon (*Oncorhynchus*) migrations: Orientation vs. random movement. *Canadian Journal of Fisheries and Aquatic Sciences* 41: 1319-1324.

1985

- Quinn, T.P. and C.A. Busack. 1985. Chemosensory recognition of siblings in juvenile coho salmon (*Oncorhynchus kisutch*). *Animal Behaviour* 33: 51-56.
- Quinn, T.P. 1985. Salmon homing: Is the puzzle complete? Review of A.D. Hasler and A.T. Scholz, *Olfactory Imprinting and Homing in Salmon*. *Environmental Biology of Fishes* 12: 315-317.
- Quinn, T.P. 1985. Homing and the evolution of sockeye salmon, *Oncorhynchus nerka*. In: M.A. Rankin (editor), *Migrations: Mechanisms and Adaptive Significance*. *Contributions in Marine Science, Supplement to Vol. 27*: 353-366.

1986

- Quinn, T.P. and G.M Tolson. 1986. Evidence of chemically mediated population recognition in coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Zoology* 64: 84-87.
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1987

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- Matthews, K.R., B.S. Miller and T.P. Quinn. 1987. Movement studies of nearshore demersal rockfishes in Puget Sound, Washington. *Proceedings of the Lowell Wakefield International Rockfish Symposium, Anchorage, Alaska*, pp. 63-72.
- Groot, C. and T.P. Quinn. 1987. The homing migration of sockeye salmon to the Fraser River. *Fishery Bulletin* 85: 455-469.
- Quinn, T.P. and W.C. Leggett. 1987. Perspectives on the marine migrations of diadromous fishes. *American Fisheries Society Symposium* 1: 377-388
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1988

- Quinn, T.P., A.F. Olson and J.T. Konecki. 1988. Effects of anaesthesia on the chemosensory behaviour of Pacific salmon. *Journal of Fish Biology* 33: 637-641.
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- Quinn, T.P., B.A. terHart and C. Groot. 1989. Migratory orientation and vertical movements of homing adult sockeye salmon (*Oncorhynchus nerka*) in coastal waters. *Animal Behaviour* 37: 587-599.
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- Blair, G.R., D.E. Rogers and T.P. Quinn. 1993. Variation in life history characteristics and morphology of sockeye salmon (*Oncorhynchus nerka*) in the Kvichak River system, Bristol Bay, Alaska. *Transactions of the American Fisheries Society* 122: 550-559.

- Quinn, T.P. 1993. Book Review of Percy, W.G. Ocean Ecology of North Pacific Salmonids. Transactions of the American Fisheries Society 122: 513-514.
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- Dittman, A.H., T.P. Quinn, W.W. Dickhoff and D.A. Larsen. 1994. Interactions between novel water, thyroxine and olfactory imprinting in underyearling coho salmon (*Oncorhynchus kisutch*, Walbaum). Aquaculture and Fisheries Management 25 (Supplement 2): 157-169.
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