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S U M M A R Y O F Q U A L I F I C A T I O N S

I have a Ph.D. (fish population dynamics), an M.Sc. (fish ecology), and a B.Sc. (biology) and have over 25 years of experience studying a wide range of freshwater, marine and estuarine organisms and ecosystems. I am currently a research scientist with the Population Ecology Division, Science Branch, Fisheries and Oceans Canada (Maritimes Region), and lead the Population and Ecosystem Modelling / Alosa Research Unit within this division. My research interests include stock assessment methods and population dynamics modelling in support of recovery planning for endangered and at-risk species, as well as evaluating the effects of human activities on freshwater ecosystems, fish communities and fish populations.

E D U C A T I O N

2004. Doctorate of Philosophy – Biology. Dalhousie University, Halifax, NS.
1996. Master of Science – Biology, Acadia University, Wolfville, NS.
1991. Bachelor of Science - Biology, Acadia University, Wolfville, NS.
1984. Aquaculture Technical Diploma, Huntsman Marine Laboratory, St. Andrews, NB

P R O F E S S I O N A L E X P E R I E N C E

Population and Ecosystem Modelling / Alosa Research Unit, Fisheries and Oceans Canada, Maritimes Region (Lead)	2012-present
Population Viability and Diadromous Fish Research Unit, Fisheries and Oceans Canada, Maritimes Region (Lead)	2008 - 2012
Population Ecology Division (Research Scientist: Population Dynamics), Fisheries and Oceans Canada, Maritimes Region	2004 - Present
Diadromous Fish Division, Fisheries and Oceans Canada, Maritimes Region (Biologist)	2002 - 2004
Acadia Centre for Estuarine Research, Acadia University, (Technician then Research Associate)	1991 -2002
Aquaterra Environmental Consulting (Senior Scientist)	1998 - 2001
Coldbrook Fish Culture Station, Department of Fisheries and Oceans, Maritimes Region (Technician)	1983 - 1986

P U B L I C A T I O N S

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- Gibson, A.J.F. 1996. An Assessment of the 1996 American Shad Spawning Run in the Annapolis Estuary. Acadia Centre for Estuarine Research Publication No. 41. Wolfville, N.S. 52p.

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- Amos, C.L. and A.J.F. Gibson. 1994. The Stability of Dredge Material at Dumpsite B, Miramichi Bay, New Brunswick, Canada. GSC Open File Report No. 3020. Environmental Protection Service, Dartmouth, N.S. 114p.
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- Amos, C., M. Brylinsky and J. Gibson. 1992. Sediment Settling Rate Analyses for a Sediment Stability Study of the Inner Miramichi Bay. Acadia Centre for Estuarine Research Publication No. 23. Wolfville, N.S. 40p.
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**C O N F E R E N C E , W O R K S H O P , A D V I S O R Y M E E T I N G
A N D S E M I N A R P R E S E N T A T I O N S**

(presenter indicated by an asterisk)

- Gibson*, A.J.F. December 2014. DFO Atlantic Salmon Marine Threats Workshop. Truro, NS. Overview of marine survival research and data for Maritimes Region Atlantic salmon. Oral presentation.
- Gibson*, A.J.F., and H.D. Bowlby. December 2014. River Herring Technical Expert Working Group Meeting. Orono, ME. Overview of the status and assessments of river herring in the Maritimes Region, Canada. Oral presentation.
- Gibson*, A.J.F. August 2014. 144th Annual Meeting of the American Fisheries Society. Quebec QC. A comparison of the dynamics of endangered Atlantic salmon populations in the Maritime Provinces, Canada. Oral presentation.
- Gibson, A.J.F., E.A. Halfyard*, R. Bradford, M. Stokesbury and A. Redden. August 2014. 144th Annual Meeting of the American Fisheries Society. Quebec QC. Effects of predation on telemetry-based survival estimates: insights from a study on endangered Atlantic salmon smolts. Oral presentation.

- Bowlby*, H.D., and A.J.F. Gibson. August 2014. 144th Annual Meeting of the American Fisheries Society. Quebec QC. Evaluating Threats in the Face of Uncertainty for Endangered Atlantic Salmon. Oral presentation.
- Cook*, A.M., D. Hardie, and A.J.F. Gibson. May 2014. TRAC Assessment Review: Georges Bank Cod/Haddock/Yellowtail Flounder. Woods Hole, MA. Reference points for Eastern Georges Bank Atlantic Cod. Oral presentation.
- Gibson, A.J.F., E.A. Halfyard*, R. Bradford, M. Stokesbury and A. Redden. June 2014. 2014 Ocean Tracking Network Symposium. Ottawa, ON. Effects of predation on telemetry-based survival estimates: insights from a study on endangered Atlantic salmon smolts. Oral presentation.
- Gibson*, A.J.F. February. 2014. Acadia University Biology Department Seminar Series. Wolfville, NS. Population Dynamics of Atlantic Salmon: Implications for Recovery Planning. Oral presentation.
- Levy*, A.L., A.J.F. Gibson, and S. O'Neil. September 2013. What works? A Workshop on Wild Atlantic Salmon Recovery Programs. St. Andrew's, NB. An overview of historical enhancement and recovery initiatives for Southern Upland Atlantic salmon Oral presentation.
- Gibson*, A.J.F. September 2013. What works? A Workshop on Wild Atlantic Salmon Recovery Programs. St. Andrew's, NB. The role of population dynamics in the recovery planning for Atlantic salmon. Oral presentation.
- Gibson*, A.J.F. September 2013. What works? A Workshop on Wild Atlantic Salmon Recovery Programs. St. Andrew's, NB. The role of population dynamics in the recovery planning for Atlantic salmon. Oral presentation.
- Gibson, A.J.F., R.A. Jones, and G. MacAskill*. February 2013. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Outer Bay of Fundy Atlantic Salmon. Fredericton, NB. Life history parameter values for Outer Bay of Fundy Atlantic salmon. Oral presentation.
- Gibson, A.J.F., R.A. Jones, and G. MacAskill*. February 2013. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Outer Bay of Fundy Atlantic Salmon. Fredericton, NB. Population viability analyses for Outer Bay of Fundy Atlantic salmon. Oral presentation.
- Gibson*, A.J.F. January 2013. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Eastern Cape Atlantic Salmon. Dartmouth, NS. Recovery potential assessment for Southern Upland Atlantic salmon: background information. Oral presentation.
- O'Reilly, P., S. Rafferty, and A.J.F. Gibson*. January 2013. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Eastern Cape Atlantic Salmon. Dartmouth, NS. Within-and among-population genetic variation in Eastern Cape Breton Atlantic Salmon and the prioritization of populations for conservation (*Salmo salar* L.). Oral presentation.
- Levy*, A.L. and A.J.F. Gibson. January 2013. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Eastern Cape Atlantic Salmon. Dartmouth, NS. Recovery potential assessment for Eastern Cape Breton Atlantic salmon: recovery targets. Oral presentation.
- Levy*, A.L. and A.J.F. Gibson. January 2013. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Eastern Cape Atlantic Salmon. Dartmouth, NS. Recovery potential assessment for Eastern Cape Breton Atlantic salmon: status and trends. Oral presentation.
- Gibson*, A.J.F., and A.L. Levy. January 2013. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Eastern Cape Atlantic Salmon. Dartmouth, NS. Dynamics and viability of Eastern Cape Breton Atlantic salmon populations. Oral presentation.
- Gibson, A.J.F., T.L. Horsman, J.S. Ford and E.A. Halfyard*. January 2013. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Eastern Cape Atlantic Salmon. Dartmouth, NS. Atlantic salmon habitat in Eastern Cape Breton. Oral presentation.
- Gibson, A.J.F., T.L. Horsman, J.S. Ford and E.A. Halfyard*. January 2013. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Eastern Cape Atlantic Salmon. Dartmouth, NS. Recovery potential assessment for Eastern Cape Breton Atlantic salmon: overview of threats. Oral presentation.

- Gibson*, A.J.F. and H.D. Bowlby. May 2012. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Southern Upland Atlantic Salmon. Dartmouth, NS. Recovery potential assessment for Southern Upland Atlantic salmon: background information. Oral presentation.
- Gibson*, A.J.F. and H.D. Bowlby. May 2012. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Southern Upland Atlantic Salmon. Dartmouth, NS. Dynamics of endangered Southern Upland Atlantic salmon populations: freshwater life history parameter values. Oral presentation.
- Gibson*, A.J.F. and H.D. Bowlby. May 2012. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Southern Upland Atlantic Salmon. Dartmouth, NS. Dynamics of endangered Southern Upland Atlantic salmon populations: past and present lifetime egg production per smolt. Oral presentation.
- Gibson*, A.J.F. and H.D. Bowlby. May 2012. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Southern Upland Atlantic Salmon. Dartmouth, NS. Dynamics of endangered Southern Upland Atlantic salmon populations: equilibrium analysis of past and present dynamics. Oral presentation.
- Gibson*, A.J.F. and H.D. Bowlby. May 2012. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Southern Upland Atlantic Salmon. Dartmouth, NS. Population viability analyses for endangered Southern Upland Atlantic salmon populations. Oral presentation.
- Bowlby, H.D., A.J.F. Gibson*, and A. Levy. May 2012. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Southern Upland Atlantic Salmon. Dartmouth, NS. Abundance, status and trends for Southern Upland Atlantic salmon. Oral presentation.
- Bowlby*, H.D., A.J.F. Gibson, and A. Levy. May 2012. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Southern Upland Atlantic Salmon. Dartmouth, NS. Recovery targets for Southern Upland Atlantic salmon . Oral presentation.
- Bowlby*, H.D., T.L. Horsman, S.C. Mitchell, and A.J.F. Gibson. May 2012. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Southern Upland Atlantic Salmon. Dartmouth, NS. Threats to populations and their habitats in freshwater. Oral presentation.
- Bowlby*, H.D., T.L. Horsman, S.C. Mitchell, and A.J.F. Gibson. May 2012. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Southern Upland Atlantic Salmon. Dartmouth, NS. Threats to populations in the marine environment. Oral presentation.
- Bowlby*, H.D., T.L. Horsman, S.C. Mitchell, and A.J.F. Gibson. May 2012. DFO Science Advisory Peer Review Process for the Recovery Potential Assessment for Southern Upland Atlantic Salmon. Dartmouth, NS. Spatial extent of habitat in the Southern Upland. Oral presentation.
- Gibson, A.J.F., and R.R. Claytor*. . February 2012. Review of Precautionary Approach Reference Points for a Variety of Fisheries Resources in the Maritimes Region. Dartmouth, NS. What is 2.4? Placing Atlantic salmon conservation requirements in the context of the precautionary approach to fisheries management in the Maritimes Region. Oral presentation.
- Bowlby*, H.D., and A..J.F. Gibson. January 2012. Canadian Conference for Fisheries Research Annual Meeting. Moncton, NB. Using juvenile density data to infer adult abundance and status in Atlantic salmon. Oral presentation.
- Gibson*, A.J.F. and H.D. Bowlby. January 2012. Canadian Conference for Fisheries Research Annual Meeting. Moncton, NB. At-sea survival of Southern Upland Atlantic salmon: How much has it changed? Oral presentation.
- Halfyard*, E.A., D.E. Ruzzante, M.J.W. Stokesbury, A.J.F. Gibson and F.G. Whoriskey. September 2011. 141st Annual Meeting of the American Fisheries Society, Seattle, WA. Insights on Mortality Vectors using Acoustic Telemetry: A Case Study Using Atlantic Salmon and Anadromous Brook Trout.
- Gibson*, A.J.F. and H.D. Bowlby. September 2011. 141st Annual Meeting of the American Fisheries Society, Seattle, WA. Population dynamics of endangered Southern Upland Atlantic salmon . Oral presentation.

- Gibson*, A.J.F., A. Levy, H.D. Bowlby and R.A. Jones. May 2011. Atlantic Salmon Zonal Management Advisory Committee Meeting: Salmon Fishing Area 19. Sydney, NS. Status of Atlantic salmon in the Maritimes Region in 2010. Oral presentation.
- Gibson, A.J.F., A. Levy*, H.D. Bowlby and R.A. Jones. May 2011. Atlantic Salmon Zonal Management Advisory Committee Meeting: Salmon Fishing Area 20. Sherbrooke, NS. Status of Atlantic salmon in the Maritimes Region in 2010. Oral presentation.
- Gibson, A.J.F., A. Levy, H.D. Bowlby* and R.A. Jones. May 2011. Atlantic Salmon Zonal Management Advisory Committee Meeting: Salmon Fishing Area 21. Bridgewater, NS. Status of Atlantic salmon in the Maritimes Region in 2010. Oral presentation.
- Gibson*, A.J.F. and H.D. Bowlby. May 2010. Atlantic Salmon Zonal Management Advisory Committee Meeting: Salmon Fishing Area 19. Sydney, NS. Status of salmon in 2009 and outlook for 2010. Oral presentation.
- Gibson*, A.J.F. July 2010. Atlantic Salmon Zonal Management Advisory Committee In-Season Assessment Meeting. Bridgewater, NS. Salmon Fishing Area 21: In-Season Assessment, 2010. Oral presentation.
- Gibson*, A.J.F. and H.D. Bowlby. May 2010. Atlantic Salmon Zonal Management Advisory Committee Meeting: Salmon Fishing Area 20. Sherbrooke, NS. Status of salmon in 2009 and outlook for 2010. Oral presentation.
- Gibson*, A.J.F. and H.D. Bowlby. May 2010. Atlantic Salmon Zonal Management Advisory Committee Meeting: Salmon Fishing Area 21. Bridgewater, NS. Status of salmon in 2009 and outlook for 2010. Oral presentation.
- Gibson*, A.J.F., R.A. Jones, and D. Hardie. March 2010. International Council for the Exploration of the Sea North Atlantic Salmon Working Group Annual Meeting, Copenhagen, Denmark. Status of Atlantic Salmon in Canada's Maritimes Region (Salmon Fishing Areas 19 to 23).
- Hubleby, B. and A.J.F. Gibson*. March 2010. International Council for the Exploration of the Sea North Atlantic Salmon Working Group Annual Meeting, Copenhagen, Denmark. Bayesian Application of the Ratio Method for Estimating At-Sea Survival To Repeat Spawning Adult Salmon in the Lahave River, Nova Scotia, Canada.
- Gibson*, A.J.F. July 2009. Atlantic Salmon Zonal Management Advisory Committee In-Season Assessment Meeting. Bridgewater, NS. Salmon Fishing Area 21: In-Season Assessment, 2009. Oral presentation.
- Gibson, A.J.F. and H.D. Bowlby*. April 2009. Atlantic Salmon Zonal Management Advisory Committee Meeting: Salmon Fishing Area 19. Sydney, NS. Status of salmon in 2007 and outlook for 2008. Oral presentation.
- Gibson, A.J.F. and H.D. Bowlby*. April 2009. Atlantic Salmon Zonal Management Advisory Committee Meeting: Salmon Fishing Area 20. Sherbrooke, NS. Status of salmon in 2007 and outlook for 2008. Oral presentation.
- Gibson, A.J.F. and H.D. Bowlby*. April 2009. Atlantic Salmon Zonal Management Advisory Committee Meeting: Salmon Fishing Area 21. Bridgewater, NS. Status of salmon in 2007 and outlook for 2008. Oral presentation.
- Gibson*, A.J.F., H.D. Bowlby, P.G. Amiro, R.A. Jones, D. Sam, T. Goff and L. Anderson. April 2009. International Council for the Exploration of the Sea North Atlantic Salmon Working Group Annual Meeting, Copenhagen, Denmark. Status of Atlantic Salmon in Canada's Maritimes Region (Salmon Fishing Areas 19 to 23).
- Gibson*, A.J.F. March 2009. Science Advisory Process on the Recovery Potential of Atlantic Whitefish, Dartmouth, NS. A proposal for recovery targets for endangered Atlantic whitefish.
- Gibson*, A.J.F., and H.D. Bowlby. 2009. DFO Science Advisory Process on the Pre-COSEWIC Review of DFO Information for Atlantic Salmon (*Salmo salar*). Halifax, NS. Bayesian analysis of multiple indices of abundance for the assessment of Atlantic salmon in eastern Cape Breton rivers.
- Jones*, R.A., L. Anderson, A.J.F. Gibson and T. Goff. February 2009. DFO Science Advisory Process on the Pre-COSEWIC Review of DFO Information for Atlantic Salmon (*Salmo salar*). Halifax, NS. Assessments of Atlantic salmon stocks in south-west New Brunswick (outer portion of SFA 23), an update to 2008.

- Gibson, A.J.F, H.D. Bowlby*, D.L. Sam, and P.G. Amiro. February 2009. DFO Science Advisory Process on the Pre-COSEWIC Review of DFO Information for Atlantic Salmon (*Salmo salar*). Halifax, NS. Review of DFO Science information for Atlantic salmon (*Salmo salar*) populations in the Southern Uplands region of Nova Scotia.
- Gibson*, A.J.F., and H.D. Bowlby. 2009. DFO Science Advisory Process on the Pre-COSEWIC Review of DFO Information for Atlantic Salmon (*Salmo salar*). Halifax, NS. Review of DFO science information for Atlantic salmon (*Salmo salar*) populations in the Eastern Cape Breton region of Nova Scotia.
- Gibson*, A.J.F., and H.D. Bowlby. 2009. DFO Science Advisory Process on the Pre-COSEWIC Review of DFO Information for Atlantic Salmon (*Salmo salar*). Halifax, NS. Equilibrium analysis of the dynamics of the St. Mary's River Atlantic salmon population.
- Gibson*, A.J.F. January 2009. Nova Scotia Salmon Association Annual Board of Directors Meeting, Lower Sackville, NS. Nova Scotia Atlantic salmon research and assessment overview.
- Gibson*, A.J.F. January 2009. National Marine Fisheries Service and Maine Sea Grant Investigation of Nearshore Migration of Atlantic Salmon in the Gulf of Maine Region Workshop #2: Bays and the Gulf of Maine. Portland, Maine. Perspectives on changes in post-smolt growth and survival for Bay of Fundy and Nova Scotia Atlantic coast Atlantic salmon populations.
- Gibson, A.J.F., R.A. Jones, P.G. Amiro* and H.D. Bowlby. September 2008. International Council for the Exploration of the Sea Annual Science Conference, Dartmouth, NS. Equilibrium analyses of the recovery feasibility of four Atlantic salmon (*Salmo salar*) in Nova Scotia and Southwest New Brunswick. Oral presentation.
- Gibson*, A.J.F. and H.D. Bowlby. April 2008. Atlantic Salmon Zonal Management Advisory Committee Meeting: Salmon Fishing Area 19. Sydney, NS. Status of salmon in 2007 and outlook for 2008. Oral presentation.
- Gibson*, A.J.F. and H.D. Bowlby. April 2008. Atlantic Salmon Zonal Management Advisory Committee Meeting: Salmon Fishing Area 20. Sherbrooke, NS. Status of salmon in 2007 and outlook for 2008. Oral presentation.
- Gibson*, A.J.F. January 2008. Zonal Advisory Meeting (Maritimes, Newfoundland and Labrador, and Gulf Regions): Pre-COSEWIC review - basking shark (Atlantic population). Dartmouth, NS. Trends analysis for Atlantic Canadian basking shark. Oral presentation.
- Gibson*, A.J.F. January 2008. Canadian Conference for Fisheries Research Annual Meeting. Halifax, NS. Statistical, life history-based, assessment models for diadromous fish populations. Oral presentation.
- Bryan*, J., A.J.F. Gibson and J.C. Roff. November 2007. European Conference on Ecological Modeling. Trieste, Italy. Modeling life history dynamics to examine population decline in an endangered Atlantic salmon population. Poster presentation.
- Gibson*, A.J.F. and S.E. Campana. November 2007. Maritimes Region Science Advisory Process on the Assessment of Spiny Dogfish (*Squalus acanthias*). Dartmouth, NS. Population models for spiny dogfish in Atlantic Canada. Oral presentation.
- Miller*, D. C. M., P. A. Shelton, A. J. F. Gibson, and M. K. Trzcinski. November 2007. Seal Impacts Workshop, Halifax, NS. An exploratory application of statistical catch at age analysis on 3Ps cod. Oral presentation.
- Trzcinski*, M. K., R. Mohn, D. W. Bowen, and A. J. F. Gibson. November 2007. Seal Impacts Workshop, Halifax, NS. Continued decline of an Atlantic cod population: increasing trends in natural mortality and the role of seal predation. Oral presentation.
- Bryan*, J., A.J.F. Gibson and J.C. Roff. September 2007. Atlantic Centre for Global Change and Ecosystem Research Annual Symposium. Wolfville, NS. Inner Bay of Fundy (iBoF) Atlantic salmon - Identification of Low Marine Survival Causes. Oral presentation.
- Gibson*, A.J.F. and P.G. Amiro. July 2007. Atlantic Salmon Zonal Management Advisory Committee In-Season Assessment Meeting. Bridgewater, NS. Salmon Fishing Area 21: In-Season Assessment, 2007. Oral presentation.

- Gibson*, A.J.F., P.G. Amiro and R.A. Jones. March 2007. Second Workshop on the Conservation Status of Atlantic Salmon in Eastern Canada. Dartmouth, NS. Recovery Potential of Bay of Fundy and Southern Upland Salmon Populations. Oral presentation.
- Gibson*, A.J.F. March 2007. Second Workshop on the Conservation Status of Atlantic Salmon in Eastern Canada. Dartmouth, NS. Summary of status and abundance trends for eastern Canadian Atlantic salmon (*Salmo salar*) populations. Oral presentation.
- Gibson*, A.J.F., R.A. Jones and P.G. Amiro. April 2007. International Council for the Exploration of the Sea North Atlantic Salmon Working Group Annual Meeting, Copenhagen, Denmark. Recovery potential of Bay of Fundy and Southern Upland salmon populations. Oral presentation.
- Gibson*, A.J.F. 2007. April 2007. International Council for the Exploration of the Sea North Atlantic Salmon Working Group Annual Meeting, Copenhagen, Denmark. Timing and Nature of Density Dependence in Maritime Province Atlantic Salmon Populations. Oral presentation.
- Hubleby, P.B., P.G. Amiro*, A.J.F. Gibson, G.L. Lacroix and A. Redden. April 2007. International Council for the Exploration of the Sea North Atlantic Salmon Working Group Annual Meeting, Copenhagen, Denmark. Acoustic tracking of migrating Atlantic salmon (*Salmo salar* L.) kelts from the LaHave River, Nova Scotia, Canada. Oral presentation.
- P.G. Amiro*, A.J.F. Gibson, R.A. Jones, H.D. Bowlby 2007. April 2007. International Council for the Exploration of the Sea North Atlantic Salmon Working Group Annual Meeting, Copenhagen, Denmark. Status of Atlantic salmon in Salmon Fishing Areas 19, 20, 21 and 23 of the Maritimes region of Canada. Oral presentation.
- McIntyre*, T.M., R.G. Bradford, T.D. Davies, and A.J.F. Gibson. March 2007. Maritime Provinces Regional Advisory Process Assessment for Gaspereau River Alewife. Dartmouth, NS. Gaspereau River Alewife Stock Status for the Years 2001 to 2006.
- Gibson*, A.J.F. and M.K. Trzcinski. March 2007. Assessing marine fish species: relating approaches based on reference points with approaches based on risk-of-extinction criteria: A Workshop Organized by COSEWIC (Committee on Status of Endangered Wildlife in Canada) and DFO (Department of Fisheries and Oceans), Ottawa, Ont. The role of threats in evaluating extinction risk. Oral presentation.
- Bryan*, J., A.J.F. Gibson and J.C. Roff. February 2007. Northeastern Biological Graduate Student Conference. Halifax, NS. An examination of the possible reasons for the decline of Inner Bay of Fundy Atlantic Salmon Populations. Oral presentation.
- Gibson*, A.J.F. and H.D. Bowlby. April 2007. Atlantic Salmon Zonal Management Advisory Committee Meeting. Sydney, NS. Salmon Fishing Area 19: Status of salmon in 2006 and outlook for 2007. Oral presentation.
- Gibson*, A.J.F. and H.D. Bowlby. April 2007. Atlantic Salmon Zonal Management Advisory Committee Meeting. Sherbrooke, NS. Salmon Fishing Area 20: Status of salmon in 2006 and outlook for 2007. Oral presentation.
- Bryan*, J., A.J.F. Gibson and J.C. Roff. January 2007. Canadian Conference for Fisheries Research. Montreal, QC. Is Climate Change Placing Inner Bay of Fundy (iBoF) Atlantic Salmon Populations at Risk? Oral presentation.
- Mohn*, R., Trzcinski, M.K., and A.J.F. Gibson. January 2007. Zonal Peer Review Meeting, Department of Fisheries and Oceans, Institut Maurice-Lamontagne, Mont-Joli, QC. Lessons learned from estimating M for Eastern Scotian Shelf cod. Oral presentation.
- Trzcinski*, M. K., R. Mohn, D. W. Bowen, and A. J. F. Gibson. October 2006. Seminar Series. St Andrews Biological Station, NB. Continued decline of an Atlantic cod population: increasing trends in natural mortality and the role of seal predation. Oral presentation.
- Trzcinski*, M. K., R. Mohn, D. W. Bowen, and A. J. F. Gibson. October 2006. Population Ecology Seminar Series. Bedford Institute of Oceanography. Continued decline of an Atlantic cod population: increasing trends in natural mortality and the role of seal predation. Oral presentation.

- Gibson*, A.J.F. and P.G. Amiro. July 2006. Atlantic Salmon Zonal Management Advisory Committee In-Season Assessment Meeting. Bridgewater, NS. Salmon Fishing Area 21: In-Season Assessment, 2006. Oral presentation.
- Chaput.* G. and J. Gibson*. June 2006. Dialogue on Plamu/Atlantic Salmon in Unama'ki/Cape Breton. Wagmacook, NS. Characteristics and Status of Cape Breton Atlantic Salmon Populations. Oral presentation.
- P.G. Amiro* and A.J.F. Gibson. May 2006. Acid Rain Mitigation Workshop, Dartmouth, NS. Status of Wild Atlantic Salmon, in General and on the Southern Upland of Nova Scotia to 2006 with Options for Population Persistence. Oral presentation.
- Gibson*, A.J.F. and P.G. Amiro. May 2006. Acid Rain Mitigation Workshop, Dartmouth, NS. Predicting the Effects of Recovery Activities on Atlantic Salmon Populations. Oral presentation.
- Gibson*, A.J.F. April 2006. Atlantic Salmon Zonal Management Advisory Committee Meeting. Sydney, NS. Salmon Fishing Area 19: Status of salmon in 2005 and outlook for 2006. Oral presentation.
- Gibson*, A.J.F. April 2006. Atlantic Salmon Zonal Management Advisory Committee Meeting. Sherbrooke, NS. Salmon Fishing Area 20: Status of salmon in 2005 and outlook for 2006. Oral presentation.
- Amiro*, P., A.J.F. Gibson and R.A. Jones. February 2006, Workshop on the Conservation Status of Atlantic Salmon, Moncton, NB. Stock status of Atlantic salmon in the Maritimes Region. Oral presentation.
- Gibson*, A.J.F., and P.B. Hubley. February 2006, Workshop on the Conservation Status of Atlantic Salmon, Moncton, NB. Application of COSEWIC Decline Criteria to Eastern Canadian Salmon Populations. Oral Presentation.
- Gibson*, A.J.F., February 2006, Workshop on the Conservation Status of Atlantic Salmon, Moncton, NB. Population regulation in Atlantic salmon. Oral presentation.
- Trzcinski*, M. K., R. Mohn, D. W. Bowen, and A. J. F. Gibson. January 2006. University of British Columbia, Department of Zoology, Ecology and Evolutionary Biology Seminar Series. The failure of an unexploited Atlantic cod population on the Eastern Scotian Shelf to recover: increasing trends in natural mortality and the role of seal predation. Oral presentation.
- Trzcinski*, M. K., R. Mohn, D. W. Bowen, and A. J. F. Gibson. January 2006. University of Calgary, Department of Biology, Ecology Section Seminar Series. The failure of an unexploited Atlantic cod population on the Eastern Scotian Shelf to recover: increasing trends in natural mortality and the role of seal predation. Oral presentation.
- Gibson*, A. J. F., P. Amiro, and M. K. Trzcinski. November 2005. Species at Risk Workshop, Fundy National Park Atlantic Salmon Recovery Program, Alma, NB. Dynamics of Inner Bay of Fundy Atlantic salmon. Oral presentation.
- Hubley*, P.B., P.G. Amiro and A.J.F. Gibson. November 2005. Species at Risk Workshop, Fundy National Park Atlantic Salmon Recovery Program, Alma, NB. Atlantic salmon scale circuli analysis: Can scale circuli spacing provide information about the marine migration of iBoF salmon? Oral presentation.
- Gibson, A.J.F.*, P.G. Amiro and R.A. Myers. September 2005. American Fisheries Society Annual Meeting. Anchorage, AL. Bayesian analysis of extinction risk in Atlantic salmon. Oral presentation.
- Gibson*, A.J.F., and S.E. Campana. June 2005. Recovery Potential Assessment of Atlantic Porbeagle Shark Meeting of the Maritimes Regional Advisory Process. Dartmouth, NS. Status and Recovery Potential of the Porbeagle Shark Population in the NW Atlantic. Oral presentation.
- Gibson*, A.J.F., and S.E. Campana. July 2005. Recovery Potential Assessment of Atlantic Porbeagle Shark Meeting of the Maritimes Regional Advisory Process. Dartmouth, NS. Status and Recovery Potential of the Porbeagle Shark Population in the NW Atlantic, Part 2. Oral presentation.
- Amiro*, P.G., and A.J.F. Gibson. April 2005. Atlantic Salmon Zonal Management Advisory Committee Meeting. Sydney, NS. Salmon Fishing Area 19: Status of salmon in 2004 and outlook for 2005. Oral presentation.

- Amiro*, P.G., and A.J.F. Gibson. April 2005. Atlantic Salmon Zonal Management Advisory Committee Meeting. Sherbrooke, NS. Salmon Fishing Area 20: Status of salmon in 2004 and outlook for 2005. Oral presentation.
- Gibson*, G.D. and A.J.F. Gibson. July 2004. 8th International Polychaete Conference, Madrid, Spain. The developmental origins of diversity in polydorid larvae: it's all in the timing. Oral presentation.
- Gibson*, A.J.F. and P.G. Amiro. April 2004. Meeting Of the ICES Working Group on North Atlantic Salmon. Bedford Institute of Oceanography, Dartmouth, NS. Relationships between repeat spawning frequency, population size and fishery reference points for a hypothetical Atlantic salmon population. Oral presentation.
- Gibson*, A.J.F. and J. Black. April 2004. Meeting of the ICES Working Group on North Atlantic Salmon. Bedford Institute of Oceanography, Dartmouth, NS. DFO VDC database query for records pertaining to Atlantic salmon bycatch. Oral presentation.
- Amiro*, P.G. and A.J.F. Gibson. November, 2003. Department of Fisheries and Oceans National Science Workshop. St. John's, NFLD. Population description, status, and monitoring of the recovery actions for endangered Inner Bay of Fundy Atlantic salmon (*Salmo salar*). Poster.
- Amiro*, P.G. and A.J.F. Gibson. August, 2003. American Fisheries Society Annual Symposium. Quebec, Que. Population description, status, and monitoring of the recovery actions for endangered Inner Bay of Fundy Atlantic salmon (*Salmo salar*). Poster.
- Gibson*, A.J.F. And P.G. Amiro. June, 2003. Regional Advisory Process Meeting on Inner Bay Of Fundy Atlantic Salmon in Support of a COSEWIC Submission. Dartmouth, NS. Abundance of Atlantic salmon (*Salmo salar*) in the Stewiacke River, NS, from 1965 to 2002. Oral presentation.
- Gibson*, A.J.F., P.G. Amiro and K.A. Robichaud-Leblanc. June, 2003. Regional Advisory Process Meeting on Inner Bay Of Fundy Atlantic Salmon in Support of a COSEWIC Submission. Dartmouth, NS. Abundance of juvenile Atlantic salmon (*Salmo salar*) in Inner Bay of Fundy Rivers in 2000 and 2002 with reference to historical abundance inferred from recreational fisheries data and electrofishing surveys. Oral presentation.
- Gibson*, A.J.F., R.A. Jones, P.G. Amiro and J.J. Flanagan. June, 2003. Regional Advisory Process Meeting on Inner Bay Of Fundy Atlantic Salmon in Support of a COSEWIC Submission. Dartmouth, NS. Abundance of Atlantic salmon (*Salmo salar*) in the Big Salmon River, NB, from 1951 to 2002. Oral presentation.
- Gibson*, A.J.F., J. Bryan and P.G. Amiro. June, 2003. Regional Advisory Process Meeting on Inner Bay Of Fundy Atlantic Salmon in Support of a COSEWIC Submission. Dartmouth, NS. Release of hatchery-reared Atlantic salmon into inner Bay of Fundy rivers from 1900 to 2002. Oral presentation.
- Gibson*, G.D. And A.J.F. Gibson. May 2003. Canadian Society of Zoologists Annual Meeting. Sir Wilfrid Laurier University, Waterloo, ON. Generating larval diversity: it's all about the timing. Oral presentation.
- Gibson, A.J.F., D.G. Kehler* and R.A. Myers. June 2002. Meeting of the Regional Advisory Process on the 4x Cod and Haddock Assessment Framework. St. Andrews, NB. An integrated stock assessment and risk analysis framework for 4X haddock. Oral presentation.
- Gibson*, A.J.F. and R.A. Myers. May, 2002. Fifth Annual Bay of Fundy Science Workshop, Wolfville, NS. Biological reference points for Bay of Fundy alewife fisheries. Oral presentation.
- Gibson*, A.J.F. and R.A. Myers. March, 2002. Harvest Fisheries Seminar Series. Bedford Institute of Oceanography, Dartmouth, NS. Population dynamics, assessment models and biological reference points for alewife fisheries in the Maritime provinces. Oral presentation.
- Gibson*, A.J.F. and R.A. Myers. March, 2002. Gaspereau River Advisory Committee Meeting. Greenwich, NS. The 2001 Gaspereau River Alewife stock status report: research summary. Oral presentation.
- Gibson*, A.J.F. and R.A. Myers. February, 2002. Fish Seminar Series. Dalhousie University, Halifax, NS. Biological reference points for anadromous alewife fisheries. Oral presentation.
- Gibson*, A.J.F. August 2001. Bay of Fundy Tidal Power Workshop. Acadia University, Wolfville, NS. Electricity from the tides (and fish?): fish-related studies at the Annapolis Tidal Generating Station. Oral presentation.

- Gibson*, A.J.F. and R.A. Myers. May, 2001. Shad 2001. A Conference on the Status of Shad Stocks Worldwide. Baltimore, Md. A statistical, age-structured, life history based, stock assessment model for anadromous *Alosa*. Poster.
- Gibson*, A.J.F. and R.A. Myers. May, 2001. Shad 2001. A Conference on the Status of Shad Stocks Worldwide. Baltimore, Md. A meta-analysis of the habitat carrying capacity and the maximum lifetime reproductive rate of anadromous alewife in eastern North America. Poster.
- Gibson*, A.J.F. and R.A. Myers. March, 2001. Scientific Peer Review Session for Assessments of Gaspereau and Striped Bass. Bedford Institute of Oceanography, Dartmouth, NS. Status of the Gaspereau River alewife stock and fishery, 2000. Oral presentation.
- Gibson*, A.J.F. February, 2000. Acadia University Biology Seminar Series. Acadia University, Wolfville, NS. Impact assessment at the population level: turbine mortality versus compensatory processes at the Annapolis Tidal Generating Station. Oral presentation.
- Gibson*, A.J.F. February, 1999. Fish Seminar Series. Dalhousie University, Halifax, NS. The alewife in the Gaspereau River: water management implications for an exploited fish stock. Oral presentation.
- Gibson*, A.J.F. February, 1998. Acadia University Biology Seminar Series. Acadia University, Wolfville, NS. The alewife in the Gaspereau River watershed. Oral presentation.
- Gibson*, A.J.F. and G.R. Daborn. November, 1997. Bay of Fundy Ecosystem Workshop. Huntsman Marine Science Laboratory, St. Andrews, NB. Ecological studies of American shad, blueback herring and alewives in the Annapolis River and Gaspereau River watersheds. Poster.
- Brylinsky, M., A.J.F. Gibson* and D.C. Gordon Jr. October, 1992. Workshop on the Impact of Mobile Fishing Gear on Benthic Habitat. Bedford Institute of Oceanography, Dartmouth, NS. The effects of commercial fishery trawling on intertidal benthic communities in the Minas Basin. Oral presentation.