

Abbreviated Curriculum Vitae

Curtis A Suttle

FRSC, Professor, Distinguished University Scholar

Departments of Earth, Ocean & Atmospheric Sciences, Microbiology & Immunology, and Botany,
and the Institute of Oceans and Fisheries, The University of British Columbia

ACADEMIC AND TRAINING BACKGROUND

The University of British Columbia	B.Sc.	Zoology (honours)	1978
The University of British Columbia	Ph.D.	Botany	1987

WORK EXPERIENCE

The University of British Columbia	Associate Dean of Science	2001-2013
The University of British Columbia	Professor	2000-present
The University of British Columbia	Associate Professor	1996-2000
The University of Texas at Austin	Associate Professor	1994-1996
The University of Texas at Austin	Assistant Professor	1990-1994
The University of Texas at Austin	Research Scientist	1988-1996
State University of New York at Stony Brook	Coastal Marine Scholar	1987-1988

ONGOING PROJECTS

2016-2019:	Gordon & Betty Moore Foundation, Sustainable oyster aquaculture	\$ 2,348,000
2016-2022:	NSERC-CREATE, Training our future ocean leaders	\$ 1,500,000
2016-2019:	Genome BC / Pacific Salmon Foundation, Salmon Health Initiative	\$ 6,312,000
2015-2019:	NSERC Discovery, Aquatic virus diversity	\$ 315,000

SELECTED ACCOMPLISHMENTS AND HONOURS

1. Gordon Research Conference Marine Molecular Ecology, Co-Chair, Hong Kong, 23-28 July 2017
2. Distinguished University Scholar, University of British Columbia, March 2017
3. Fellow of the Association of the Sciences of Limnology and Oceanography, November 2016
4. Sidney E. Grossberg Lecture, American Society of Microbiology meeting, Blacksberg, VA, 2016
5. Ocean Carbon Chair Professor, Xiamen University, China, 2015-2018
6. Fellow of the Institute for Advanced Studies, Hong Kong University of Science and Technology, July 2014 - 2019
7. Fellow of the American Academy of Microbiology, February 2014
8. G. Evelyn Hutchinson Award for Excellence in Limnology or Oceanography, ASLO, 2013
9. Timothy R. Parsons Medal for Excellence in Ocean Sciences, Fisheries and Oceans Canada, 2011
10. Zheng Zhong Distinguished Visiting Fellow, Xiamen University, China, October 2010
11. A.G. Huntsman Award for Excellence in Marine Science, A.G. Huntsman Foundation, 2010
12. Fellow of the Royal Society of Canada, November 2008
13. Senior Fellow of The Canadian Institute for Advanced Research 2007 – 2017

INVITED LECTURES since 2015 (of 220 invited lectures)

1. International Blue Carbon Forum, Xiamen, China, 4 Nov 2017
2. Global Ocean Genome Workshop (keynote), KAUST University, Thuwal, Saudi Arabia, 24 Oct 2017
3. Red Sea Open Science Conference (keynote), KAUST University, Thuwal, Saudi Arabia, 30 Oct 2017
4. 1st Yan-qi Lake International Conference on Ocean Carbon Sequestration, Beijing, China, 24 Sep 2017
5. International Conference on Genomics-Ocean (keynote speaker), Qingdao, China, 8 Sep 2017
6. First Institute of Oceanography, Qingdao, China, 6 Sept 2017
7. Shandong University, Department of Microbiology, Jinan, China, 4 Sept 2017
8. Ocean University of China, Department of Biology, Qingdao, China, 1 Sep 2017
9. Qingdao National Laboratory for Marine Science and Technology, Aoshan Forum on Community Structure and Function of the Deep-sea Ecological System, Qingdao, China, 29 Aug 2017
10. Institute for Advanced Studies Distinguished Lecture, Hong Kong Institute of Science & Technology, 14 Jul 2017
11. National Lab Marine Sci & Tech, Aoshan Forum in Microbial Oceanography, Qingdao, China, 6 Dec 2016

12. Xiamen University, Xiang'an Campus, Lingfeng Forum in Microbial Oceanography, Xiamen, China, 5 Dec 2016
13. University of Copenhagen, Department of Biology, PhD Day (keynote), Copenhagen, Denmark, 16 Nov 2016
14. Symposium on Functional Diversity, University of Quebec, Montreal, QC, 9 Nov 2016
15. Centre for Microbial Diversity and Evolution, Victoria, BC, 5 Nov 2016
16. American Society of Virology Meeting, Sidney E. Grossberg Lecturer (keynote), Blacksburg, VA, 22 Jun 2016
17. American Society of Microbiology Microbe 2016, Boston, MA, 19 Jun 2016
18. ICTV Meeting on Metagenomic Sequencing and Virus Classification (keynote), Boston, MA, 9 Jun 2016
19. Biological Sciences Society BioTalks Speaker, Vancouver, BC, 22 May 2016
20. ICTV Symposium (keynote), Wellcome Trust Genome Campus, Cambridgeshire, UK, 2 Feb 2016
21. Xiamen University, China, Institute of Marine Microbes and Ecospheres, 18 Dec 2015
22. Microbial Oceanography Workshop (keynote), Qingdao, China, 17 Dec 2015
23. SCOCAFE Workshop on Marine Environment Containment System, Xiamen University, China, 14 Dec 2015
24. North Dakota State University, Department of Microbiology, Fargo ND, 18 Sep 2015
25. International Marine Microbiology Conference, (keynote), Qingdao, China, 23 May 2015
26. Global Vision Lecture, Ocean University of China, Qingdao, China, 19 May 2015
27. Workshop on Microbial Ecology and Evolution, Beijing Normal University, Two Lectures, 9 and 10 May 2015
28. Hong Kong Univ of Science and Technology, Institute of Advanced Study Distinguished Lecture, 27 Apr 2015
29. University of Texas at El Paso, Bioinformatics Program Colloquium Speaker, 27 Mar 2015
30. GenomeBC Roundtable at Roundup, Vancouver, Jan 2015
31. CICESE, Oceanography Department, Ensenada, Mexico, Sep 2014
32. International Congress of Virology (plenary and invited presentations), Montreal, QC, July 2014
33. CIFAR Integrated Microbial Diversity Meeting, Prague, Czech Republic, June 2014
34. Student Research Day (keynote), Del Mar College, Corpus Christi, TX, April 2014
35. Texas Bays and Estuaries Meeting (keynote), Univ Texas Marine Sciences Institute, Port Aransas, TX, April 2014
36. Kuwait University, Department of Biology, Kuwait, February 2014
37. University of Granada, Department of Ecology, Granada, Spain, January 2014
38. International Symposium on Giant Virus Biology (keynote), Tegernsee, Germany, November 2013
39. 7th International Aquatic Virus Workshop (keynote), St. Petersburg, FL, November 2013
40. Swinburne University of Technology, Faculty of Life and Social Sciences, Melbourne, Australia, October 2013
41. Australian Institute for Marine Science, Townsville, Australia, October 2013
42. EMBO Green Virus Meeting, Hyères, France, September 2013
43. Gordon Conference on Molecular Marine Ecology, Hong Kong, August 2013
44. Future Oceans Big Question Speaker, GEOMAR, University of Kiel, March 2013
45. German Society of Virology, Plenary address, Kiel, Germany, March 2013
46. Assoc. Sciences of Limnology and Oceanography, Hutchinson Lecture, New Orleans, LA, February 2013
47. Genomics: The Power and the Promise, Ottawa, ON, November 2012
48. Simon Fraser University, Department of Molecular Biology and Biochemistry, Burnaby, BC, October 2012
49. Harvard University, Microbial Sciences Initiative, Cambridge MA, October 2012
50. Brazilian Congress of Virology (Keynote Speaker), Foz do Iguaçu, Brazil, October 2012
51. Annual Meeting of the Phycological Society of America, Charleston, SC, June 2012
52. Annual Meeting of the American Society of Microbiology, San Francisco, CA, June 2012
53. OECD Global Forum on Marine Biotechnology, Vancouver, BC, May 2012
54. University of Alabama, Department of Microbiology, Birmingham, AL, May 2012
55. University of Kuwait, Department of Biological Sciences, Kuwait, April 2012
56. American Association for Advancement of Science, Vancouver, BC, February 2012
57. Canadian Institute for Advanced Research Astrobiology Workshop, Toronto, ON, February 2012
58. Aquatic Virus Workshop, Texel, Netherlands, Keynote Speaker, November 2011
59. International Congress of Virology, Sapporo, Japan, Plenary Speaker, September 2011
60. Canadian Society of Microbiology Meeting, St. John's, NL, June 2011
61. University of Granada, Faculty of Science, Granada, Spain, May 2011
62. University of Granada, FLEMENCO Workshop, Granada, Spain, May 2011

63. Presentation to the Board of GenomeBC, Vancouver, BC, May 2011
64. Barcode of Life Workshop, Beaty Biodiversity Museum, Vancouver, BC, April 2011
65. International Human Microbiome Congress, Vancouver, BC, March 2011
66. Bedford Institute of Oceanography, Huntsman Lecture, Dartmouth, NS, November 2010
67. Dalhousie University, Centre for Comparative Genomics and Evolutionary Bioinformatics, Halifax, NS, Nov 2010
68. Xiamen University, Nanqiang Lecturer, Xiamen, China, October 2010
69. International Marine Biotechnology Conference, Keynote Speaker, Qingdao, China, October 2010
70. University of British Columbia, BioDiversity Research Centre, Vancouver, BC, September 2010
71. International Society of Microbial Ecology, Seattle, WA, August 2010
72. Symposium on Marine Microbial Diversity, Marine Biological Laboratory, Woods Hole, MA, July 2010
73. Viruses of Microbes Conference, Plenary Speaker, Institut Pasteur, Paris, France, June 2010
74. Canadian Society of Microbiology Symposium Speaker, McMaster University, Hamilton, ON, June 2010
75. Evolution and Ecology of Infectious Disease Conference, Plenary Speaker, Cornell Univ, Ithaca, NY, May 2010
76. American Society of Microbiology Conference on Mobile DNA, Montreal, Quebec, April 2010
77. University of Tennessee, Department of Microbiology, Knoxville, TN, April 2010
78. Frontiers of Retrovirology, Keynote Speaker, Montpellier, France, September 2009
79. Australian Institute for Advance Research, Townsville, Australia, July 2009
80. Flinders University, School of Biology, Adelaide, Australia, July 2009
81. Australian Society of Microbiology, Plenary Speaker, Perth, Australia, July 2009
82. Australian Society of Microbiology, Symposium Speaker, Perth, Australia, July 2009
83. Brazilian Congress of Marine Biology, Symposium speaker, Buzios, Brazil, May 2009
84. Iowa State University, Genetics Program Speaker, Ames, Iowa, April 2009
85. Canadian Institute for Advanced Research, Toronto, ON, April 2009
86. Spanish Centre for Astrobiology, Madrid Spain, February 2009
87. Baylor School of Medicine, Department of Molecular Virology and Microbiology, Houston TX, February 2009
88. Canadian Institute for Advanced Research, Annual Dinner Speaker, Toronto, ON, November 2008
89. Oregon Health & Science University, Portland, OR, October 2008
90. International Symposium on Microbial Ecology, Cairns Australia, Keynote Speaker, August 2008
91. International Congress of Virology, Istanbul Turkey, July 2008
92. American Society of Virology, Ithaca NY, Plenary Speaker, July 2008
93. *ideaCity08* Conference, Toronto ON, June 2008
94. Marine Biological Laboratories, Woods Hole MA, June 2008
95. International Polar Microbiology Conference, Banff AB, Keynote Speaker, May 2008
96. University of Alberta, Department of Biology, Edmonton AB, April 2008
97. University of Victoria, Department of Biology, Victoria BC, April 2008
98. University of British Columbia, Zoology 502 Ecology Seminar, January 2008
99. McMaster University, Origins Institute, Hamilton ON, January 2008
100. University of Colorado Health Sciences Center, Department of Microbiology, Denver CO, November 2007
101. Railway Club Café Scientific, Vancouver BC, November 2007.
102. Canadian Institute for Advanced Research Speaker on the Next Big Question, Vancouver Public Aquarium, Vancouver BC, Public Lecture, November 2007
103. Canadian Institute for Advanced Research Speaker on the Next Big Question, Scotia Theatre, Vancouver BC, Public Lecture, November 2007
104. Oregon State University, Center for Genome Research and Biocomputing, Eugene OR, October 2007
105. Canadian Institute for Advanced Research Speaker on the Next Big Question, Halifax NS, September 2007
106. United Nations Consultative Process on the Law of the Sea, Expert Panelist, UN, New York, NY, June 2007
107. Positive Strand RNA Virus Symposium, Washington, D.C., Keynote Speaker, May 2007
108. American Society of Microbiology, 107th General Meeting, Toronto Ontario, May 2007
109. Eur-Oceans, Bergen Norway, Keynote Speaker, May 2007
110. Les Treilles Symposium: The evolution, diversity and ecology of the dark matter of the biosphere: bacteriophages, Tour Tour, France, March 2007
111. University of Toronto, Center for Cellular and Biomolecular Research, December 2006
112. University of Southern California, Department of Biological Sciences, Los Angeles CA, November 2006
113. International Meeting on Microbial Genomics, Arrowhead Lake CA, September 2006

114. International Society of Microbial Ecology Meeting, Vienna Austria, August 2006
115. Marine Biological Laboratory, Woods Hole MA, July 2006
116. Plymouth Marine Laboratory, Plymouth UK, July 2006
117. American Society of Limnology and Oceanography Meeting, Victoria BC, June 2006
118. SCOR Meeting on Role of Viruses in Marine Ecosystems, Vancouver BC, June 2006
119. Canadian Institute of Advanced Research Workshop on Microbial Biodiversity, Banff AB, March 2006.
120. University of Nebraska Water Center, Lincoln NE Williams Memorial Lecture, April 2006.
121. Workshop on the Canadian Arctic Shelf Exchange Study, Winnipeg MB, February 2006.
122. Montana State University, Thermal Biology Institute, Bozeman MT, October 2005.
123. Chinese Academy of Sciences South China Sea Institute of Oceanography, Guangzhou, China, July 2005
124. University of Hong Kong, Department of Microbiology, July 2005
125. Gordon Conference on Applied and Environmental Microbiology, New London CT, July 2005.
126. UBC Alumni, Hong Kong, July 2005.
127. American Society of Limnology and Oceanography Meeting, Symposium on Viruses, Microbial Diversity and Ecosystem Function (Tutorial Speaker), Santiago de Compostella, Spain, June 2005.
128. Canadian Society of Microbiology Annual Meeting, Halifax NS, Keynote Speaker, June 2005.
129. 7th International Marine Biotechnology Conference, St. John's, Newfoundland, Keynote Speaker, June 2005.
130. Canadian Institute of Advanced Research Workshop on Microbial Diversity, June 2005.
131. Forum on the Avian Flu Pandemic, Peter Wall Institute of Advanced Studies, Vancouver, BC, May 2005.
132. 4th International Algal Virus Workshop. Amsterdam, Netherlands, Keynote Speaker, April 2005.
133. Virus Ecology Group Meeting, Leamington Spa, England; Keynote Speaker, February 2005
134. Meeting of the Canadian Institute of Advanced Research, Pine Hill PQ, October 2004.
135. American Society of Microbiology Conference on the New Phage Biology, Key Biscayne FL, August 2004
136. American Society of Virology Annual Meeting, Montreal PQ, Plenary Symposium Speaker, July 2004
137. 1st Gordon Conference on Marine Microbes, Roscoff, France, June 2004
138. 48th Wind River Conference on Prokaryotic Biology, Estes Park CO, Keynote Speaker, June 2004
139. University of California at Irvine, Center for Virus Research, April 2004
140. Ocean Research Conference, Honolulu HI, February 2004
141. CNRS, Observatoire Oceanologique, Villefranche sur Mer, France, November 2003.
142. CNRS, Institut d'Exploration Fonctionnelle des Genomes, Toulouse, France, November 2003.
143. American Society for Virology Meeting (State-of-the-Art Speaker), Davis CA, July 2003
144. American Society for Microbiology Meeting, Washington, DC, May 2003.
145. CIESM Workshop on the Ecology of Marine Viruses, Banyuls sur Mer, France March 2003.
146. IHNV Research Summit, Campbell River BC, January 2003.
147. 1st Annual UBC-CERM3 Workshop Symposium, Vancouver BC, September 2002.
148. University of Pittsburgh, Pittsburgh PA, Department of Biology Keynote Speaker for the Departmental Retreat, September 2002.
149. Marine Biological Laboratory, Woods Hole MA, Bay Paul Center, July 2002.
150. Woods Hole Oceanographic Institute, Woods Hole MA, Department of Biology, July 2002
151. University of Pennsylvania, Philadelphia PA, Department of Chemistry, May 2002
152. 3rd International Algal Virus Workshop, Hiroshima Japan, Keynote Lecture, May 2002.
153. University of British Columbia, Vancouver BC, Science First Lecture, September 2001
154. University of Quebec, Rimouski PQ, Institut des Sciences de la Mer, September 2001
155. 14th Evergreen International Phage Biology Meeting, Olympia WA, Keynote Speaker, August 2001.
156. Montana State University, Bozeman MT, Thermal Biology Institute, July 2001
157. University of Tennessee, Knoxville TN, Department of Microbiology, April 2001.
158. International Workshop on Sub-glacial and Deep Ice Exploration, Ottawa ON, March 2001
159. 7th European Marine Microbiology Symposium, Noordwijkerhout, Netherlands, Keynote lecture, September 2000
160. Les Treilles Symposium: Origins, Diversity and Evolution of Viruses, Tour-Tour, France, July 2000
161. Netherlands Institute of Oceanography, Texel NL, July 2000
162. American Society of Limnology and Oceanography, Copenhagen, Denmark, June 2000.
163. Evergreen State College, Olympia WA, May 2000
164. Miami University, Oxford OH, O.K. Stark Lecturer, April 2000
165. Miami University, Oxford OH, Department of Biology, April 2000
166. International Algal Virus Workshop, Galway, Ireland, May 2000.
167. University of Delaware, Lewes, College of Marine Studies, September 1999

168. Bamfield Marine Station, June 1999
169. Institute of Ocean Sciences, April 1999
170. Michigan State University, April 1999
171. Moss Landing Marine Laboratory, February 1999
172. International Algal Virus Workshop, Bergen, Norway, June, 1998.
173. American Society Microbiology Symposium: The Emerging Recognition of Viruses in the Environment, Atlanta, GA, May, 1998.
174. American Society Microbiology Symposium: Ultraviolet Radiation-Induced Processes and Effects in Microbial Ecosystems, Atlanta, GA, May, 1998.
175. University of Georgia at Athens, Department of Marine Science, February 1998
176. University of South Florida, Department of Marine Science, November 1997
177. University of British Columbia, Center for Biodiversity, 1997.
178. University of British Columbia, Department of Biochemistry, 1997.
179. American Society of Limnology and Oceanography, Santa Fe, NM, February 1997.
180. University of British Columbia, Department of Earth and Ocean Sciences, 1996.
181. Bamfield Marine Station, September 1996.
182. Bamfield Marine Station, July 1996.
183. University of Nevada, Desert Research Institute, 1996.
184. Oklahoma State University, Department of Microbiology, 1996.
185. State University of New York at Stony Brook, Marine Science Research Center, 1996.
186. Brown Tide Summit Meeting, Ronkonkoma, NY, October 1995.
187. Keystone Symposium. Molecular Approaches to Marine Ecology and Evolution, Santa Fe, NM, March, 1995.
188. International Workshop on Aquatic Microbial Ecology, Konstanz, Germany, April 1995.
189. University of Goteborg, Sweden, Department of Marine Microbiology, 1995.
190. University of Quebec at Montreal, Department of Biological Sciences, 1995.
191. University of Nebraska at Lincoln, Biological Sciences, 1995.
192. Kansas State University at Manhattan, Division of Biology, 1995.
193. Workshop on UV Radiation in Tropical Coastal Ecosystems, University of Hawaii, Honolulu, HI, August 1994.
194. American Society for Microbiology Symposium. New Genetic and Molecular Tools for Studying Marine Organisms, Las Vegas, NV, May 1994.
195. University of Constance (Germany), 1994.
196. University of British Columbia, Department of Oceanography, 1994.
197. Southwest Texas State University, Department of Biology, 1994.
198. Instrument Society of America, Honors & Awards Banquet Keynote Speaker, Victoria Texas, 1994.
199. Workshop on Pathogens and Parasites of Reef Corals - Field Techniques, Bahamas, December 1993.
200. Paradigms and Paradoxes of the Microbial Loop, Athens, GA, November 1993.
201. Texas A&M University, 1993.
202. University of Texas, Austin, Department of Marine Science, 1993.
203. University of Maine at Orono, Department of Biochemistry, Microbiology and Molecular Biology, 1993.
204. College of William and Mary, Virginia Institute of Marine Science, 1993.
205. 6th International Symposium on Microbial Ecology, Barcelona, Spain, September 1992.
206. American Society of Limnology and Oceanography Annual Meeting, Santa Fe, NM, February 1992.
207. American Society of Microbiology Workshop on Viral Technology, New Orleans LA, May 1992.
208. American Society of Limnology and Oceanography Annual Meeting, Santa Fe, NM, February 1992.
209. University of Rostock (Germany), 1992.
210. University of Rhode Island, Graduate School of Oceanography, 1992.
211. Baylor College of Medicine, Department of Molecular Virology, 1992.
212. International Marine Biotechnology Conference, Baltimore, MD, October 1991.
213. International Phycological Congress Workshop on Phycovirology. Raleigh, NC, August 1991.
214. University of British Columbia, Department of Oceanography, 1991.
215. Stanford University, Hopkins Marine Station, 1991.
216. McGill University, Department of Biology, 1991.
217. University of Texas at Austin, Marine Science Institute, 1991.
218. University of Texas at Austin, Department of Botany, 1990.

219. University of Texas at Arlington, Department of Biology, 1989.
220. American Geophysical Union and American Society of Limnology and Oceanography Ocean Sciences Meetings, New Orleans LA, February 1988
221. American Geophysical Union and American Society of Limnology and Oceanography Ocean Sciences Meetings, New Orleans LA, 1988
222. Bermuda Biological Station, 1988.
223. Duke University Marine Laboratory, 1988.
224. University of Alaska at Fairbanks, Department of Marine Science, 1988.
225. University of Texas at Austin, Marine Science Institute, 1988.
226. State University of New York, Stony Brook, Marine Science Research Center, 1987.
227. University of British Columbia, Department of Botany, 1986.
228. McGill University, Department of Biology, 1986.

PUBLICATIONS

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Google Scholar: <https://scholar.google.com/citations?user=Oaop7AQAAAAJ&hl=en>

Citations: 16331, h-index: 64, i10-index 129

REFEREED PUBLICATIONS

(a) Journals

1. Qiang, Z., Y. Wang, R. Xie, A.S. Lang, Yanting Liu, Jiayao Lu, Xiaodong Zhang, Jun Sun, C.A. Suttle, and Nianzhi Jiao Dynamics of heterotrophic bacterial assemblages within *Synechococcus* cultures. *Applied and Environmental Microbiology* doi: /10.1128/AEM.01517-17 (accepted 2 November 2017)
2. Batanero, G.L., E. León-Palmero, L. Li, A.J. Green, M. Rendón-Martos, C. A. Suttle and I. Reche. 2017. Flamingos and drought as drivers of nutrients and microbial dynamics in a saline lake. *Scientific Reports* 7, Article number: 12173. doi:10.1038/s41598-017-12462-9 (13 pages)
3. Hawley, A., M. Torres Beltran, E. Zaikova, D. Walsh, A. Mueller, M. Scofield, S. Kheirandish, C. Payne, L. Pakhomova, M. Bhatia, O. Shevchuk, E. Gies, D. Fairley, S. Malfatti, A. Norbeck, H. Brewer, L. Pasa-Tolic, T.G. del Rio, C.A. Suttle, S. Tringe, and S. Hallam. 2017. A compendium of multi-omic sequence information from the Saanich Inlet water column. *Scientific Data* 4, Article number: 170160 doi:10.1038/sdata.2017.160 (21 pages)
4. Xiao, C., M.G. Fischer, D.M. Bolotaulo, N. Ulloa-Rondeau, G.A. Avila and C.A Suttle. 2017. Cryo-EM reconstruction of the Cafeteria roenbergensis virus capsid suggests novel assembly pathway for giant viruses. *Scientific Reports* 7, Article number: 5484. doi:10.1038/s41598-017-05824-w (7 pages)
5. Torres Beltran, M., A. Hawley, D. Capelle, E. Zaikova, D. Walsh, A. Mueller, M. Scofield, C. Payne, L. Pakhomova, S. Kheirandish, J. Finke, M. Bhatia, O. Shevchuk, E. Gies, D. Fairley, C. Michiels, C.A. Suttle, F. Whitney, S. Crowe, P. Tortell, and S. Hallam. 2017. A compendium of geochemical information from the Saanich Inlet water column. *Scientific Data* 4, Article number: 170159 doi:10.1038/sdata.2017.159 (22 pages)
6. Finke, J.F., B.P.V. Hunt, C. Winter, E.C. Carmack and C.A Suttle. 2017. Nutrients and other environmental factors influence virus abundances across oxic and hypoxic marine environments. *Viruses* 9(6), 152. doi:10.3390/v9060152 (17 pages)
7. Finke, J.F., D.M. Winget, A.M. Chan and C.A Suttle. 2017. Variation in the genetic repertoire of viruses infecting *Micromonas pusilla* reflects horizontal gene transfer and links to their environmental distribution. *Viruses* 9(5), 116. doi: 10.3390/v9050116 (18 pages)
8. Simmonds, P., M.J. Adams, M. Benkő, M. Breitbart, J.R. Brister, E.B. Carstens, A.J. Davison, E. Delwart, A.E. Gorbalenya, B. Harrach, R. Hull, A.M.Q. King, E.V. Koonin, M. Krupovic, J.H. Kuhn, E.J. Lefkowitz, M.L. Nibert, R. Orton, M.J. Roossinck, S. Sabanadzovic, M.B. Sullivan, C.A. Suttle, R.B. Tesh, R.A. van der Vlugt, A. Varsani, F.M. Zerbin. 2017. Virus taxonomy in the age of metagenomics. *Nature Reviews Microbiology* 15:161–168. doi:10.1038/nrmicro.2016.177 (top 1% of papers on Altmetrics)

9. Chénard, C., J.F. Wirth and C.A. Suttle. 2016. Viruses infecting a freshwater filamentous cyanobacterium (*Nostoc* sp.) encode DNA polymerase B from a proteobacterium and a functional CRISPR array. *mBio* 7(3):e00667-16. doi:10.1128/mBio.00667-16 (11 pages) (top 5% of papers on Altmetrics)
10. Uyaguari-Diaz, M.I., M. Chan, B. Chabin, M. Croxen, J.F. Finke, J.E. Hill, M.A. Peabody, T. Van Rossum, C.A. Suttle, F.S.L. Brinkman, J. Issac-Renton, N.A. Prystajeky and P.K.C. Tang. 2016. A comprehensive method for amplicon-based and metagenomic characterization of viruses, bacteria and eukaryotes in freshwater samples. *Microbiome* 4:20; doi:10.1186/s40168-016-0166-1 (19 pages)
11. White, R.A. III, A.M. Chan, G.S. Gavelis, B.S. Leander, A.L. Brady, G.F. Slater, D.S. Lim and C.A. Suttle. 2016. Metagenomic analysis suggests modern freshwater microbialites harbor a core and distinct microbial community. *Frontiers in Microbiology* 6:1531; doi: 10.3389/fmicb.2015.01531 (14 pages)
12. Wigington, C., D. Sonderegger, C.P.D. Brussaard, A. Buchan, J.F. Finke, J.A. Fuhrman, J. Lennon, M. Middelboe, C.A. Suttle, C. Stock, W.H. Wilson, K.E. Wommack, S.W. Wilhelm, and J.S. Weitz. 2016. Re-examining the relationship between marine virus and microbial cell abundances. *Nature Microbiology* 1: Article 15024; doi: 10.1038/nmicrobiol.2015.24 (8 pages)
13. Van Rossum, T., M.A. Peabody, M.I. Uyaguari-Diaz, K.I. Cronin, M. Chan, J.R. Slobodan, M.J. Nesbitt, C.A. Suttle, W.W.L. Hsiao, P.K.C. Tang, N.A. Prystajeky, and F.S.L. Brinkman. 2015. Year-long metagenomic study of river microbiomes across land use and water quality. *Frontiers in Microbiology* 6:1405; doi: 10.3389/fmicb.2015.01405 (15 pages)
14. Chow, C.E.T. and C.A. Suttle. 2015. Biogeography of viruses in the sea. *Annual Reviews of Virology* 2:41-66; doi: 10.1146/annurev-virology-031413-085540
15. Gavelis, G.S., S. Hayakawa, R.A. White III, T. Gojobori, C.A. Suttle, P.J. Keeling and B.S. Leander. 2015. Eyelike ocelloids are built from different endosymbiotically acquired components. *Nature* 523:204–207; doi: 10.1038/nature14593
16. White, R.A. III, I.M. Power, G.M. Dipple, G. Southam and C.A. Suttle. 2015. Metagenomic analysis reveals that modern microbialites and polar microbial mats have similar taxonomic and functional potential. *Frontiers in Microbiology* 6:966; doi: 10.3389/fmicb.2015.00966 (14 pages)
17. Gavelis, G.S., R.A. White III, C.A. Suttle, P.J. Keeling and B.S. Leander. 2015. Investigating the origin of plastids in *Polykrikos lebourae* (Dinoflagellata) using single-cell genomics and single-cell transcriptomics. *BMC Genomics* 16:528; doi: 10.1186/s12864-015-1636-8 (9 pages)
18. Labonté, J.M., S.J. Hallam and C.A. Suttle. 2015. Previously unknown evolutionary groups dominate the ssDNA gokushoviruses in oxic and anoxic waters of a coastal marine environment. *Frontiers in Microbiology* 6:315; doi: 10.3389/fmicb.2015.00315 (10 pages)
19. Chénard, C., A.M. Chan, W.F. Vincent and C.A. Suttle. 2015. Polar freshwater cyanophage S-EIV1 represents a new evolutionary lineage of phages that are widespread and abundant. *ISME Journal* 9:2046–2058; doi: 10.1038/ismej.2015.24
20. Chow, C.E.T., D.M. Winget, R.A. White III, S.J. Hallam and C.A. Suttle. 2015. Combining genomic sequencing methods to reveals patterns of viral diversity and potential virus- host interactions. *Frontiers in Microbiology* 6:265; doi: 10.3389/fmicb.2015.00265 (15 pages)
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(c) *Other*

- Suttle, C.A. and A.M. Chan. 2001. Genus *Prymnesiovirus* (*Phycodnaviridae*) in *The Springer Index of Viruses*, C.A. Tidona and G. Darai (eds), Springer-Verlag, NY, 1511 pp
- Suttle, C.A. 2001. Genus *Prasinovirus* (*Phycodnaviridae*) in *The Springer Index of Viruses*, C.A. Tidona and G. Darai (eds) Springer-Verlag, NY, 1511 pp
- Suttle, Curtis A 1999 Cyanophages. In: *Nature Encyclopedia of Life Sciences*. London: Nature Publishing Group. <http://www.els.net/> [doi:10.1038/npg.els.0000775]

NON-REFEREED PUBLICATIONS

(a) *Journals*

- Deeg, C.M., C.-E.T. Chow and C.A. Suttle. 2017. *The kinetoplastid-infecting Bodo saltans virus (BsV), a window into the most abundant giant viruses in the sea.* bioRxiv doi: <https://doi.org/10.1101/214536>, 6 November 2017 (40 pages)
- Shelford, E.J. and C.A. Suttle. 2017. Virus mediated transfer of nitrogen from heterotrophic bacteria to phytoplankton. *Biogeosciences Discussion* <https://doi.org/10.5194/bg-2017-276>, 18 July 2017 (33 pages)
- Suttle, C.A. 2017. From Farm to Sea: A Tribute to Paul J. Harrison. *Limnology and Oceanography Bulletin* 26(2): 58-59, doi: 10.1002/lob.10170
- Suttle, C.A. 2016. Viral diversity on the global stage. *Nature Microbiology* doi:10.1038/nmicrobiol.2016.205 (2 pages)
- Vierros, M., C.A. Suttle, H. Harden-Davies and G. Burton. 2016. Who owns the ocean? Policy issues surrounding marine genetic resources. *Limnology and Oceanography Bulletin* 25(2), 29-35, doi:10.1002/lob.10108
- Labonté, J.M. and C.A. Suttle. 2015. Corrigendum: Metagenomic and whole-genome analysis reveals new lineages of gokushoviruses and biogeographic separation in the sea. *Frontiers in Microbiology* 4:404. doi:10.3389/fmicb.2015.00114
- White, R.A. III and C.A. Suttle. 2013. The draft genome of *Sphingomonas paucimobilis* strain HER1398 (*Proteobacteria*), host to the giant PAU phage, indicates that it is a member of the genus *Sphingobacterium* (*Bacteroidetes*). *Genome Announcements* 1(4):e00598-13. doi:10.1128/genomeA.00598-13.
- White, R.A. III, C.J. Grassa and C.A. Suttle. 2013. Draft Genome Sequence of an *Exiguobacterium* Strain RW-2 with wide thermal, salinity, and pH tolerance, isolated from modern microbialites. *Genome Announcements* 1(4):e00597-13. doi:10.1128/genomeA.00597-13.
- White, R.A. III, C.J. Grassa and C.A. Suttle. 2013. The first draft genome from the genus *Agrococcus* isolated from modern microbialites. *Genome Announcements* 1(4):e00391-13. doi:10.1128/genomeA.00391-13.
- Suttle, C. 2005. The virosphere: the greatest biological diversity on Earth and driver of global processes. *Environmental Microbiology* 4:481-482
- Suttle, C.A., A.M. Chan, M.T. Cottrell. 1991. Virus ecology - reply. *Nature* 351:612-613

Book Reviews

- Suttle, C.A. 2000. Molecular approaches to the study of the ocean. K.E. Cooksey, (ed). Chapman and Hall, 1998, *Limnology and Oceanography* 45:1677

2. Suttle, C.A. 1993. Primary productivity and biogeochemical cycles in the sea. P.G. Falkowski and A.D. Woodhead (eds.), Plenum Press. *Limnology and Oceanography* 38:1588
3. Suttle, C.A. 1988. Ecology of microbial communities. Symposium 41 of the Society for General Microbiology. M. Fletcher, T.R.G. Gray and J.G. Jones (eds.), Cambridge University Press. *Quarterly Review of Biology* 63:91

Technical Reports

1. Short, S.M. and Suttle, C.A. 2000. Denaturing gradient gel electrophoresis of natural virus samples on the DCode™ system. *BioRad Technical Note* 2550. 2 pp.
2. Perrin, C.J. and C.A. Suttle. 1986. Nutrient manipulation and benthic algal growth in tributaries of the Flathead River, B.C.: An evaluation of recent data and recommendations for experiments. Prepared under contract for Env. Canada, Water Quality. 47 pp.

BOOKS

1. Wilhelm, S.W., M.G. Weinbauer and C.A. Suttle. (eds.) 2010. *Manual of Aquatic Viral Ecology*, p. 1-201, American Society of Limnology and Oceanography. doi:10.4319/mave.2010.978-0-9845591-0-7. <http://www.aslo.org/books/mave/>

Chapters

1. Culley, A.I., A.S. Lang, and C.A. Suttle. 2011. Taxonomic Structure of the Family *Marnaviridae*. p. 850-854 in *Virus Taxonomy: Ninth Report of the International Committee for the Taxonomy of Viruses*, A.M.Q. King, M.J. Adams, E.B. Carstens, and E.J. Lefkowitz (eds.) Elsevier
2. Wilson, W.H., J.L. Van Etten, D.C. Schroeder, K. Nagasaki, C. Brussaard, G. Bratbak, and C. Suttle. 2011. Taxonomic Structure of the Family *Phycodnaviridae*. p. 249-262 in *Virus Taxonomy: Ninth Report of the International Committee for the Taxonomy of Viruses*, A.M.Q. King, M.J. Adams, E.B. Carstens, and E.J. Lefkowitz (eds.) Elsevier
3. Lim, D.S.S., A.L. Brady, A.F. Abercromby, D.T. Andersen, M. Andersen, R.R. Arnold, J.S. Bird, H.R. Bohm, L. Booth, S.L. Cady, Z. Cardman, A.M. Chan, O. Chan, C. Chénard, B.R. Cowie, A. Davila, M.C. Deans, W. Dearing, M. Delaney, M. Downs, T. Fong, A. Forrest, M.L. Gernhardt, J.R. Gutsche, C. Hadfield, A. Hamilton, I. Hawes, J. Hansen, J. Heaton, Y. Imam, B.L. Laval, D. Lees, L. Leoni, C. Looper, S. Love, M.M. Marinova, D. McCombs, C.P. McKay, B. Mireau, G. Mullins, S.H. Nebel, P. Nuytten, R. Pendery, W. Pike, S.B. Pointing, J. Pollack, N. Raineault, M. Reay, D. Reid, T. Sallstedt, D. Schulze-Makuch, M. Seibert, R. Shepard, G.F. Slater, J. Stonehouse, D.Y. Sumner, C.A. Suttle, A. Trembanis, C. Turse, M. Wilhelm, N. Wilkinson, D. Williams, D.M. Winget, C. Winter. 2011. A Historical Overview of the Pavilion Lake Research Project – Analog Science and Exploration in an Underwater Environment. Chapter 7 in *Analog for Planetary Exploration*, W.B. Garry and J.E. Bleacher, *Geological Society of America Special Paper* 483
4. Suttle, C.A. and J.A. Fuhrman. 2010. Enumeration of virus particles in aquatic or sediment samples by epifluorescence microscopy, p. 145-153 in *Manual of Aquatic Viral Ecology*, <http://www.aslo.org/books/mave/>, S.W. Wilhelm, M.G. Weinbauer, and C.A. Suttle (eds), ASLO.
5. Culley, A. I., C. A. Suttle, and G. F. Steward. 2010. Characterization of the diversity of marine RNA viruses, p. 193-201 in *Manual of Aquatic Viral Ecology*, <http://www.aslo.org/books/mave/>, Wilhelm, S.W., M.G. Weinbauer, and C.A. Suttle, (eds) ASLO.
6. Ortmann, A.C. and C.A. Suttle. 2009. Determination of virus abundance by epifluorescence microscopy, Chapter 10 in *Bacteriophages, Methods and Protocols, Vol 1: Isolation, Characterization, and Interactions*, Clokie, M.R.J. and Kropinski, A.M. (eds.), p. 87-96, Humana Press
7. Pausz, C., J.L. Clasen and C.A. Suttle. 2009. Isolation independent methods of characterizing phage communities 1: Strain typing using fingerprinting methods, Chapter 15 in *Bacteriophages, Methods and Protocols, Vol 2: Molecular and Applied Aspects*, Clokie, M.R.J. and Kropinski, A.M. (eds.), pp 255-278, Humana Press

8. Lang, A.S. and C.A. Suttle. 2008. Marnaviruses. *Encyclopedia of Virology*, 5 vols. (B.W.J. Mahy and M.H.V. Van Regenmortel, eds.), pp. 280-285, Oxford: Elsevier
9. Vincent, W.F., C. Pedrós-Alió, C.A. Suttle, et al. 2008. Microbial communities and carbon fluxes. In: *On Thin Ice: A Synthesis of the Canadian Arctic Shelf Exchange Study (CASES)*. L. Fortier, D. Barber & J. Michaud (ed.). pp. 85-89, Aboriginal Issue Press, Winnipeg, Manitoba
10. Culley, A.I. and C.A. Suttle 2007. Community Structure: Viruses, Chapter 36 in *Manual of Environmental Microbiology* (3rd ed), C.J. Hurst, R.L Crawford, J.L. Garland, D.A. Lipson, A.L. Mills and L.D. Stezenbach (eds.), ASM Press, Wash DC
11. Culley, A.I., A.S. Lang, and C.A. Suttle. 2005. Taxonomic Structure of the Family *Marnaviridae*. In "Virus Taxonomy: Eighth Report of the International Committee for the Taxonomy of Viruses" C.M. Fauquet, M.A. Mayo, J. Maniloff, U. Desselberger, and L.A. Ball (eds.) Elsevier
12. Suttle, C.A. 2002. Community Structure: Viruses, Chapter 32 (pp. 364-370) in *Manual of Environmental Microbiology* (2nd ed), C.J. Hurst, G.R. Knudson, M.J. McInerney, L.D. Stezenbach and M.V. Walter (eds.), ASM Press, Wash DC
13. Suttle, C.A. 2000. Cyanophages and their role in the ecology of cyanobacteria. Chapter 20 (pp. 563-589 in *The Ecology of Cyanobacteria: Their Diversity in Time and Space*, B.A. Whitton and M. Potts (eds.), Kluwer Academic Publ, Boston
14. Suttle, C.A. 2000. The ecological, evolutionary and geochemical consequences of viral infection of cyanobacteria and eukaryotic algae. Chapter 6 (pp. 248-296) in *Viral Ecology*, C.J. Hurst (ed.), Academic Press, London, 639 pp.
15. Suttle, C.A. 1997. Community Structure: Viruses. Chapter 28 (pp. 272-277) in *Manual of Environmental Microbiology*, C.J. Hurst, G.R. Knudson, M.J. McInerney, L.D. Stezenbach and M.V. Walter (eds.), ASM Press, Wash DC
16. Suttle, C.A. 1993. Enumeration and isolation of viruses. Chapter 15 (pp. 121-134) in *Current Methods in Aquatic Microbial Ecology*, P.F. Kemp, B.F. Sherr, E.F. Sherr and J.J. Cole (eds.), Lewis Publ., Boca Raton
17. Suttle, C.A., A.M. Chan, F. Chen and D.R. Garza. 1993. Cyanophages and sunlight: A paradox. pp. 303-307 in *Trends in Microbial Ecology*, R. Guerrero and C. Pedros-Alio (eds.), Span. Society Microbiology, Barcelona.

SERVICE

Memberships on committees, including offices held and dates

Departmental

EOS ¹ Promotion and Tenure Committee	2014 – present
Botany Dewar Cooper Foundation Committee	2015 - 2016
EOS Safety Committee	2014 - 2015
EOS <i>Ad hoc</i> Committee to evaluate field-school teaching (Chair)	2004 - 2005
EOS Geochemistry Search Committee (Co-Chair)	2002 - 2004
EOS Undergraduate Advisor	2001 - 2002
EOS Fisheries and Biological Oceanography Search Committees (Chair)	2001 - 2002
EOS Head's Advisory Committee	2001 - 2002
EOS EOS Undergraduate Majors (Chair)	2000
EOS Seminar Committee (Chair)	1999 - 2001
EOS Curriculum Committee	1997 - 2001
Botany Graduate Studies Committee	1997 - 2001
Botany Graduate Advisor	1997 - 2001
EOS <i>Ad hoc</i> Committee on Oceanography Undergraduate Program (Chair)	1998 - 1999
EOS <i>Ad hoc</i> Committee on Instructor/lecturer Needs	1998
EOS <i>Ad hoc</i> Review Committee on Academic Programs	1997 - 1998
EOS <i>Ad Hoc</i> Committee on Graduate Programs	1996

University

Chair of the Working Group for the Institute of Oceans and Fisheries	2014 - 2015
Representative to the Canadian Council of Ocean Research Universities	2014
Graduate Student Lifecycle Management Planning Project Steering Committee	2011-2013
President's Advisory Committee for Major Awards	2010 - 2013
Committee of International Advisors	2009 – 2013
UBC Steering Committee on Interdisciplinarity	2008 - 2009
UBC Renew Steering Committee	2004 – 2009
Faculty of Science Awards Committee (Chair)	2004- 2013
Graduate Council	2004 - 2013
Faculty of Graduate Studies Policy Committee	2002 – 2013
President's Property and Planning Advisory Committee	2002 - 2013
Faculty of Graduate Studies Scholarship Committee	2002 – 2013
Faculty of Science, Governor General Gold Medal Adjudication Committee (Chair)	2000 – 2013
Graduate Council	2000-2013
Peter Wall Institute for Advanced Studies Review Committee	1999 - 2001
Interdisciplinary Science Program Undergraduate Advisor	1998 - 2001
Peter Wall Institute for Advanced Studies Adjudication Committee	1996- 1999
UBC representative, Board of Directors, Canadian Oceans Frontiers Research Initiative	1997 - 1998
UBC Interdisciplinary Science Degree Program Readers Group	1997 - 1998
UBC Strategic Plan Readers Group	1997 - 1998
UBC Strategic Initiative Focus Group	1997 - 1998
Ad hoc Committee on the Reorganization of Life Sciences	1997 - 1998

Portfolios as Associate Dean, Faculty of Science (2001-2013)

Conflict of Interest	2006 – 2013
Animal Care	2008 – 2013
Grants and Ethics Approval	2007 - 2013
Intellectual Property and UILO	2004-2013
Regional and Canada-Wide Science Fairs	2004-2007
Canadian Foundation for Innovation	2002-2013
Graduate Students and Graduate Student Awards	2002-2013
Postdoctoral Fellows	2002-2013
Departmental and Institutional Reviews	2002-2013
Canada Research Chairs	2002-2013
Council of Life Sciences	2002-2007
Faculty Awards	2002-2013
Life Sciences Centre	2002-04; 2006 -
Buildings and Space (shared 2004 to 2006)	2002-2006
Representative to Graduate Studies	2002-2013
Indirect Costs of Research	2002-2013

Participation in Scientific Expeditions

17-21 May 2016, Red Sea, RV Thewal, Viruses of the Red Sea and Deep Brine Pools
 29 Sept to 4 Oct 2011, Coastal waters of British Columbia, *CSS Vector*, Viral Diversity and Activity
 29 July to 5 August 2010, Coastal waters of British Columbia, *CSS Vector*, Viral Diversity and Mortality
 2-7 July 2010, MARSLIFE Analogue Mission, Pavilion Lake, British Columbia
 11-13 December 2009, Crystal Caves, Naica, Mexico, Genomic analysis of microbial communities
 24 June to 1 July 2009, Coastal waters of British Columbia, *CSS Vector*, Viral Isolation and Viral Production
 15-21 September 2008, Coastal waters of British Columbia, *CSS Vector*, Viral Isolation and Viral Production
 4-7 June 2008, Pavilion Lake, British Columbia; The Microbialite Communities in Pavilion Lake.
 18-27 July 2007, Ice Breaker, Arctic Ocean, *Louis St. Laurent*, Senior Scientist
 23 - 29 July 2001, Coastal waters of British Columbia, *CSS Vector*, Viral Isolation and Viral Production
 16 - 23 August 1999, Coastal waters of British Columbia, *CSS Vector*, Viral Isolation and Viral Production
 26 - 20 July 1998, Coastal waters of British Columbia, *CSS Vector*, Viral Isolation and Viral Production
 23 - 27 June 1997, Coastal waters of British Columbia, *CSS Vector*, Viral Isolation and Viral Production
 19 - 23 August 1996, Coastal waters of British Columbia, *CSS Vector*, Viral Isolation
 22 - 31 July 1996, Central Gulf of Mexico, *R/V Longhorn*, Viral Decay Experiments.
 21 - 28 June 1995, Central Gulf of Mexico, *R/V Longhorn*, Viral Decay Experiments.
 16 - 29 April 1989, Eastern Pacific, *R/V New Horizon*, Dissolved Free Amino Acid Dynamics.
 2 - 10 July 1988, Bermuda Biological Station, *R/V Weatherbird*, Dissolved Free Amino Acid s.
 1 - 7 November 1987, Bermuda Biological Station; *R/V Weatherbird*, Dissolved Free Amino Acids.
 26 August - 1 September 1987, Bermuda Biological Station; Dissolved Free Amino Acids.

SERVICE TO THE COMMUNITY*Memberships on scholarly societies, including offices held and dates*

American Society of Microbiology, Conferences Committee	2012-2017
Founding Trustee; International Society for Viruses of Microorganisms	2011-present
Assoc. Sciences of Limnology and Oceanography Committee for the Martin Award (Chair)	2012- 2015
Association for the Sciences of Limnology and Oceanography Awards Committee	2012- 2015
Association for the Sciences of Limnology and Oceanography (Nominee for President)	2011
American Society of Limnology and Oceanography Committee for the Martin Award	2011
American Society of Limnology and Oceanography Policy Committee	2006-2011
American Society of Limnology and Oceanography (Elected Member at Large)	2002 - 2005
American Society for Microbiology (Chair - Microbial Ecology Section)	1997-1998
American Society for Microbiology (Chair elect - Microbial Ecology Section)	1996-1997
American Society for Virology	1995,2003-05, 15-
American Society for Microbiology (Chair elect, nominee - Microbial Ecology Section)	1993
American Society of Limnology and Oceanography (Member at Large, nominee)	1992
American Society for Microbiology	1992 - present
American Society of Limnology and Oceanography	1981 - present
Phycological Society of America	1981 - 2004

Memberships on scholarly committees, including offices held and dates

PICES Working Group 33 on Climate Change and Ocean Carbon Sequestration	2015-2018
Canadian Council of Academies Core Group in Canadian Ocean Science	2011-2012
International Committee on the Taxonomy of Viruses (Mimiviridae Study Group)	2013 to present
International Committee on the Taxonomy of Viruses (Marnaviridae Study Group)	2011 to present
International Committee on the Taxonomy of Viruses (Elected to Executive Committee)	2005-2011
Member of the Canadian Space Agency Astrobiology Working Group	2005 - 2010
International Committee on the Taxonomy of Viruses (<i>Phycodnaviridae</i> Study Group)	2000 - 2010
Representative to the Scientific Committee on Oceanographic Research (Marine Viruses)	2004 - 2009
Endeavour Hydrothermal Vents Marine Protected Area Management Committee	2002 - 2006
Scientific Steering Committee for Canadian GEOHAB proposal	2002 - 2004
American Society of Microbiol., Div. of Microbial Ecology (Chair, Nominations Committee)	1997
Peter Wall Institute for Advanced Studies Adjudication Committee	1996-2001
American Society of Limnology and Oceanography (Chair, Nominations Committee)	1993-1994
National Science Foundation (Review Panel for Biological Oceanography)	1991

Memberships on other committees, including offices held and dates

Member of the stakeholder working group on Norovirus outbreaks in oysters	2017 -
International Advisory Committee Meeting for the Marine Environmental Chamber System	2016 -
Scientific Advisory Board, Red Sea Research Center, KAUST University, Saudi Arabia	2016 -
Evaluation Committee, Academy of Finland, Centre of Excellence Program	2013
Adjudication Committee for the Parson's Medal in Multidisciplinary Oceanography	2012
ASLO representative to American Association for the Advancement of Science	2012
Scientific Advisory Board of the TARA Oceans Expedition	2010-
Scientific Evaluation Team CNRS Laboratory on Genomic and Structural Information	2011

Editorships

Guest Manuscript Editor	<i>Proceedings National Academy of Sciences</i>	September 2011
Editor	<i>Aquatic Microbial Ecology</i>	September 2002 - present
Editorial Board	<i>Environmental Microbiology</i>	November 2001 - 2006
Editorial Board	<i>Microbial Ecology</i>	January 1997 - 2006
Editorial Advisor	<i>Aquatic Microbial Ecology</i>	April 1995 - Sep 2002
Associate Editor	<i>Limnology and Oceanography</i>	July 1992 - Dec 1996

*Selected media coverage of our work:***Are viruses another branch of life:**

- 2017 – IAS Magazine, 15 September, <http://iasnews.ust.hk/sep2017>

A healthy ocean needs viruses:

- 2017 – Hakai Magazine, 21 July, <https://www.hakaimagazine.com/article-short/healthy-ocean-needs-viruses>

Virus uses 'stolen' CRISPR to hack its host's immune system:

- 2016 – Science Daily, 14 June, <https://www.sciencedaily.com/releases/2016/06/160614114037.htm>
- 2016 – AAAS EurekAlert, 14 June, http://www.eurekalert.org/pub_releases/2016-06/uobc-vu061416.php
- 2016 – Genetic Engineering and Biotechnology News, 15 June, <http://www.genengnews.com/gen-news-highlights/virus-hacks-host-genome-steals-crispr-to-protect-itself/81252833/>
- 2016 – Frontline Genomics, 16 June, <http://www.frontlinegenomics.com/news/5981/virus-hacker-commits-crispr-heist-protect/>
- 2016 – Hipertextual, 15 June, <http://hipertextual.com/2016/06/cianofagos>

Discovery of the enormous diversity of ssDNA viruses in the sea:

- 2013 – National Geographic Phenomena 18 July, <http://phenomena.nationalgeographic.com/2013/07/18/gigantic-giant-viruses-and-the-endless-viral-frontier/>

On the Role of viruses in global nutrient cycling:

- 2013 – German Public Radio: Deutschlandfunk, 12 March, Recycling-Meister der Ozeane <http://www.dradio.de/df/sendungen/forschak/2038573/>

The discovery of the Mavirus virophage:

- 2011 – Microbe Magazine, *Second Virophage Found in Large Marine DNA Virus*
http://www.microbemagazine.org/index.php?option=com_content&view=article&id=3544:second-virophage-found-in-large-marine-dna-virus&catid=761&Itemid=983
- 2011 – National Geographic Phenomena 28 March,
<http://phenomena.nationalgeographic.com/2011/03/28/antarctic-lake-hints-at-a-world-of-virus-attacking-viruses/>

The Expedition into the Crystal Caves:

- 2011 – Discovery Channel Canada TV Special, *Into the lost crystal caves*,
<http://www.discoverychannel.ca/showpage.aspx?sid=13358>
- 2010 – National Geographic USA TV Special, *Into the lost crystal caves*,
<http://channel.nationalgeographic.com/episode/into-the-lost-crystal-caves-4636/>

The Sequencing of the *Cafeteria roenbergensis* virus:

- 2010 – MSNBC Science– *Breakthroughs that 2011 may bring*:
<http://www.msnbc.msn.com/id/40863047/m/videos/>
 - 2010 – CBC Radio, *As it Happens*: <http://www.cbc.ca/video/news/audioplayer.html?clipid=1628759123>
 - 2010 – Economist, *Biodiversity – more complicated than you think*: <http://www.economist.com/node/17358573>
 - 2010 – The Scientist – *Giant marine virus found*: <http://www.the-scientist.com/news/display/57776/>
 - 2010 – New Scientist - *Giant virus with tiny victims carries a monster genome*:
<http://www.newscientist.com/article/dn19625-giant-virus-with-tiny-victims-carries-a-monster-genome.html>
 - 2010 – MSNBC - *Newfound virus is giant with lifelike properties*:
http://www.msnbc.msn.com/id/39837713/ns/technology_and_science-science/
 - 2010 – der Spiegel (Germany) - *Forscher staunen über schwimmendes Riesenvirus*:
<http://www.spiegel.de/wissenschaft/natur/0,1518,725254,00.html>
 - 2010 – Deutschlandfunk, (German public radio), *Zwischen den Welten*:
<http://www.dradio.de/dlf/sendungen/forschak/1304531/>
- 2010 - Diário da Saúde (Brazil), *Cientistas descobrem vírus gigante*:
<http://www.diariodasaude.com.br/news.php?article=virus-gigante&id=5902>
- 2010 - Europa Press (Spain), *Identifican el virus marino más grande conocido*:
<http://www.europapress.es/sociedad/ciencia/noticia-identifican-virus-marino-mas-grande-conocido-20101026111225.html>
 - 2010 - Futura Sciences (France), *Le plus gros virus marin jamais découvert*: http://www.futura-sciences.com/fr/news/t/biologie-3/d/le-plus-gros-virus-marin-jamais-decouvert_25790/
 - 2010 – also covered extensively in media in Russia, Finland, India, China, Taiwan, etc.

The Pavilion Lake astrobiology analogue site:

- 2010 – Astrobiology Magazine, *The big question: biology or chemistry*:
http://www.astrobio.net/index.php?option=com_expedition&task=detail&id=3554

The Arctic Ocean as part of the International Polar Year:

- 2007 – Up Here Magazine, *The sea change*: <http://uphere.ca/node/156>
http://www.astrobio.net/index.php?option=com_expedition&task=detail&id=3554

Viruses in Antarctic lakes:

- 1998 – Science Magazine, *Exotic Marine Life in a Frigid Desert*:
<http://www.sciencemag.org/content/279/5351/660.full?sid=95162c75-1070-41e7-a4c0-e9684000d815>

Miscellaneous:

- 2014 – This Week in Virology (TWiV 301), *Marine Viruses*, a weekly podcast that goes out to about 50,000 listeners: <http://www.twiv.tv/2014/09/07/twiv-301/>
- 2013 – Microbe World (Stan Malloy, MWV Episode 66), *Marine Virology*
<http://www.microbeworld.org/component/content/article?id=1334>
- 2010 – Meet the Scientist (Carl Zimmer MTS46), *It's a virus world and we just live on it*:
http://www.microbeworld.org/index.php?option=com_content&view=article&id=614:mts46-curtis-suttle-its-a-virus-world-and-we-just-live-on-it&catid=37:meet-the-scientist&Itemid=155
- 2010 – CBC Radio, *Information Morning*: <http://www.cbc.ca/informationmornings/2010/11/the-ocean-is-teeming-with-viruses.html>
- 2010 – Science & Vie (France, April issue), *Virus marins: le climate depend peut-etre d'eux*
- 2010 – Georgia Straight, *Swimming can be safe in sea's microbial soup*: <http://www.straight.com/article-334689/vancouver/swimming-can-be-safe-seas-microbial-soup>
- 2009/2010 - BBC TV Horizon, *Why do viruses kill*: <http://www.bbc.co.uk/programmes/b00q2rdj>
- 2006 - Science Magazine: *Paradigms in the Virosphere*:
<http://www.sciencemag.org/content/312/5775/869.full?sid=95162c75-1070-41e7-a4c0-e9684000d815>
- 2000 - Science Magazine, 15 September: *Evolution on life's fringes*:
<http://www.sciencemag.org/content/289/5486/1866.full?sid=95162c75-1070-41e7-a4c0-e9684000d815>

Selected commentary:

Giant viruses found in Austrian sewage

- 2017 Science Magazine, 6 April, Giant viruses found in Austrian sewage fuel debate over potential fourth domain of life: <http://www.sciencemag.org/news/2017/04/giant-viruses-found-austrian-sewage-fuel-debate-over-potential-fourth-domain-life>

Phytoplankton blooms on the BC Coast

- 2016 CBC TV The National, 24 August, national television:
<http://www.cbc.ca/news/thenational/why-is-the-water-so-green-around-southern-b-c-1.3734975>

Die-off of scallops on the West Coast

- 2015 Vancouver Coop Radio, 19 February, *It Takes a Village*:
www.coopradio.org/audio/download/41458/1424390400.mp3
- 2015 Victoria Times Colonist, 17 February, Increase in shellfish deaths causes 'full-scale panic' for B.C. industry: <http://www.timescolonist.com/news/b-c/increase-in-shellfish-deaths-causes-full-scale-panic-for-b-c-industry-1.1765167>
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