

2013/01/30

CURRICULUM VITAE

NAME: Richard T. Callaghan
BIRTH PLACE: Prince Albert, Saskatchewan
CITZENSHIP: Canadian
HOME ADDRESS: 328 Edgehill Dr. N.W.
Calgary, Alberta
T3A 2S3
(403) 241-6837

UNIVERSITY ADDRESS: Department of Archaeology,
University of Calgary,
Calgary, Alberta
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EDUCATION

B.A. Honours University of Winnipeg, 1976 (Student of Distinction)
M.A. University of Manitoba, 1981
Thesis title: Analysis of the Fluoride Content of Human Remains from the Gray Site, Saskatchewan.
Thesis supervisor: William Wade
Ph.D. University of Calgary, 1990
Dissertation title: Mainland Origins of the Preceramic Cultures of the Greater Antilles.
Dissertation supervisor: David Kelley

MAJOR AREAS OF EXPERTISE

Neotropical Human Ecology.
The archaeology of Lowland South America and the Caribbean Basin.
Global origins and development of water transport and navigation.

ACADEMIC POSITIONS

2013 – present Professor, Department of Archaeology, University of Calgary
2004 – 2012 Associate Professor, Department of Archaeology, University of Calgary
1999 – 2004 Assistant Professor, Department of Archaeology, University of Calgary

- 1997 – 1999 Assistant Professor (Contingent Term, Specific Term), Depts. of Archaeology, Anthropology, and Geography, University of Calgary
- 1996 – 2001 Colaborador Visitante, Venezuelan Institute for Scientific Investigations, Caracas, Venezuela
- 1996 Part-Time Sessional Instructor, Dept. of Anthropology, University of Calgary.
- 1993 Part-Time Sessional Instructor, Latin American Studies, University of Calgary.
- 1993 – 1997 Part-Time Sessional Instructor, Dept. of Behavioral Sciences, Mount Royal College, Calgary.
- 1992 – 1997 Adjunct Assistant Professor, Dept. of Archaeology, University of Calgary.
- 1992 – 1997 Part-Time Sessional Instructor, Dept. of Archaeology, University of Calgary.
- 1990 – 92 Social Sciences and Humanities Research Council of Canada Post Doctoral Fellow, University of Calgary.

ACADEMIC HISTORY

Grants

- 2012 Travel Grant, University of Calgary Research Grants Committee: to attend the 78th Annual Meeting of the Society for American Archaeology, Honolulu, Hawaii, April 3rd – 7th 2013.
- 2009 Travel Grant, University of Calgary Research Grants Committee: to attend the XXIII Congress of the International Association for Caribbean Archaeology, Antigua and Barbuda, June 29th – July 4th (\$1800).
- 2009 – 2013 SSHRC Research Grant: *Examining prehistoric community and social structure using ground penetrating radar* (\$52,154) – Jean Michel Maillol Collaborator.
- 2009 The Kon Tiki Museum: *Assessing the potential of mid-Atlantic crossings: a MesoAmerican Perspective* (\$8,250) – Romeo Hristov Co-Principal Investigator.
- 2008 St. Vincent and the Grenadines International Airport Development Company: *Argyle Cultural Heritage Action Plan*, (\$50,000).

- 2007 Travel Grant, University of Calgary Research Grants Committee: to attend the *Society for American Archaeology Meeting, 72nd Annual Meeting April 25 – 29, Austin, Texas* (\$1800).
- 2005 Travel Grant, University of Calgary Research Grants Committee: to attend the *The XXI Congress of the International Association for Caribbean Archaeology, Trinidad and Tobago, July 24 – 30, 2005* (\$1500).
- 2005 United States Embassy, Barbados, *American Embassy, Cultural Preservation Grant*, (\$7,300) – with the St. Vincent National Trust.
- 2005 University of Calgary, University Research Grants Committee, Close-out Grant: *Prehistoric Maritime Adaptations and Land Use on St. Vincent West Indies*, (\$5,663).
- 2003 University of Calgary, University Research Grants Committee, *Conference Grant*, (\$2,000).
- 2003 SSHRC *Grants in Aid to Occasional Scholarly Conferences in Canada*, (\$10,000).
- 2000 – 2003 SSHRC Research Grant: *Prehistoric Maritime Adaptations and Land Use on St. Vincent, West Indies*, Principal Investigator, (\$50,000).
- 2000 – 2002 Canadian Heritage, Parks Canada, Research Grant: *The Use of Simulation Models to Identify Potential Locations of East Asian Wrecks Along the Canadian Pacific Coast*, Principal Investigator, (\$2,000).
- 2000 – 2002 University of Calgary Learning Commons Fellowship, Technology Enhanced Learning: *Interactive Software for the Investigation of Global Maritime Discovery and Voyaging*, Principal Investigator, (\$7,400).
- 1999 University of Calgary International Grants Committee: *Cooperative Agreement between University of Calgary and the Universidad Nacional de Colombia – Faculty and Student Exchange with Amazon Environmental Research Institute*, Principal Investigator, (\$6,000).
- 1999 Travel Grant, University of Calgary Research Grants Committee: to attend the *International Association for Caribbean Archaeology XVIII Congress: Caribbean Archaeology into the Third Millennium, St. George's, Grenada*, (\$1,350).
- 1998 Starter Grant, University of Calgary, University Research Grants Committee: *Prehistoric Maritime Adaptations and Landuse on St. Vincent, West Indies*, (\$10,000).
- 1997 Research Grant, Dean's Office, Social Sciences, University of Calgary, (\$4,000).

- 1996 University of Calgary, University Research Grants Committee, *Conference Grant*, (\$2,000).
- 1996 SSHRC *Grants in Aid to Occasional Scholarly Conferences in Canada*, (\$5,400).
- 1993 – 1997 SSHRC Research Grant: *The Origin and Development of Water Transport in the Circum- Caribbean Region: the implications for cultural interaction*, Principal Investigator, (\$96,400).
- 1992 Travel Grant, University of Calgary Research Grants Committee: *to attend the International Association for Caribbean Archaeology XV Congress: San Juan Puerto Rico*, (\$1,200).
- 1992 University of Calgary Alumni Association, MasterCard Affinity Card Committee, Special Projects Funding, (\$1,500).
- 1992 University of Calgary, University Research Grants Committee, Conference Grant, (\$1,500).
- 1992 SSHRCC Grants in Aid to Occasional Scholarly Conferences in Canada, (\$4,000).
- 1991 – 1992 Pilot Study Research Grant, University of Calgary: *Multi-ethnic Conglomerates in the Orinoco Delta: An analysis of water transport technology and ethnic origins*, (\$6,000).
- 1991 Travel Grant, University of Calgary Research Grants Committee: *to attend the International Association for Caribbean Archaeology XIV Congress: Christ Church, Barbados*, (\$1200).
- 1988 Travel Grant, Department of Archaeology, University of Calgary: *to attend the Conference on Early Man in Island Environments, Sardinia, Italy*, (\$200).
- 1988 *Thesis Research Grant*, University of Calgary (\$1000).
- 1985 Conference Travel Grant, University of Calgary: *to attend the International Association for Caribbean Archaeology XI Congress: San Juan Puerto Rico*, (\$500).

Awards

- 1997 – 1998 Research Excellence Envelope Award, University of Calgary.
- 1990 – 1992 Social Sciences and Humanities Research Council of Canada Post Doctoral Fellow, University of Calgary.

1990 – 1991 University Post Doctoral Fellowship, University of Calgary.

1990 – 1991 University of Calgary Research and Travel Award.

1989 – 1990 Fee Scholarship, University of Calgary.

1989 – 1990 Izzak Walton Killam Memorial Scholarship, University of Calgary.

1988 – 1989 Fee Scholarship, University of Calgary.

1988 Graduate Scholarship, awarded by the Scientific Committee for the International Conference "Early Man in Island Environments", Sardinia, Italy.

1988 Dean's Special Scholarship, University of Calgary.

1988 – 1989 Izzak Walton Killam Memorial Scholarship, University of Calgary.

1987 – 1988 Fee Scholarship, University of Calgary.

1987 – 1988 Social Sciences and Humanities Research Council of Canada Doctoral Fellowship.

1987 – 1988 Izzak Walton Killam Memorial Scholarship, University of Calgary.

1987 Dean's Special Scholarship, University of Calgary.

1986 – 1987 Social Sciences and Humanities Research Council of Canada, Doctoral Fellowship.

1986 – 1987 Fee Scholarship, University of Calgary.

1986 – 1987 Izzak Walton Killam Memorial Scholarship, University of Calgary.

1985 – 1986 Province of Alberta Graduate Fellowship, University of Calgary.

1985 – 1986 Fee Scholarship, University of Calgary.

1984 – 1984 Fee Scholarship, University of Calgary.

1984 – 1985 Teaching Assistantship, University of Calgary.

1978 – 1979 Research Assistantship, University of Manitoba.

1976 Student of Distinction, University of Winnipeg.

SCHOLARLY AND PROFESSIONAL WORK

Book Chapters – Refereed

- 2013 Seafaring in the Caribbean Region. In, *Oxford Handbook of Caribbean Archaeology*, William F. Keegan (ed.) pp 283 – 295. Oxford University Press, Oxford.
- 2011 St. Vincent and the Grenadines: Recent Efforts in Protecting Heritage. In, *Protecting Heritage in the Caribbean*, Peter Siegel and Elizabeth Righter (eds.) pp 106 – 111. University of Alabama Press, Tuscaloosa.
- 2011 Patterns of Contact between the Islands of the Caribbean and the Surrounding Mainland as a Navigation Problem. In, *Islands at the Crossroads: Migration, Seafaring, and Interaction in the Caribbean*, Antonio Curet and Mark Hauser (eds.) pp 59 – 72. University of Alabama Press, Tuscaloosa.
- 2010 Crossing the Guadeloupe Passage in the Archaic Age. In, *Island Shores, Distant Pasts*, Scott M. Fitzpatrick and Ann Ross (eds.) pp 127 – 147. University Press of Florida, Gainesville.
- 2008 Fitzpatrick, Scott M. and Richard T. Callaghan. Seafaring Simulations and the Origin of Prehistoric Settlers to Madagascar. In, *Terra Australis 29, Islands of Inquiry: Colonization, seafaring and the archaeology of maritime landscapes*, Geoffrey Clark, Foss Leach and Sue O’Connor (eds.) pp 55 – 66. ANU, Canberra.

Articles – Refereed

- 2009 Callaghan, Richard T. and Chris Scarre. Simulating the Western Seaways. *Oxford Journal of Archaeology* 28 (4) 357 – 372.
- 2009 Fitzpatrick, Scott M. and Richard T. Callaghan. Examining Dispersal Mechanisms for the Translocation of Chicken (*Gallus gallus*) from Polynesia to South America. *Journal of Archaeological Science* 36 214 – 223.
- 2008 Fitzpatrick, Scott M. and Richard T. Callaghan. Magellan’s Crossing of the Pacific: Using Computer Simulations to Examine Oceanographic Effects on One of the World’s Greatest Voyages. *Journal of Pacific History* 43 (2), 14 – 165.
- 2008 On the Absence of Archaic Age Sites on Jamaica. *Journal of Island and Coastal Archaeology* 3 (1), 54 – 71.

- 2008 Callaghan, Richard T. and Scott M. Fitzpatrick. Examining Prehistoric Migration Patterns in Western Micronesia. *Asian Perspectives* 47 (1), 28 – 44.
- 2007 Prehistoric Settlement Patterns on St. Vincent. *Caribbean Journal of Science* 43 (1), 14 – 26.
- 2007 Callaghan, Richard T. and Scott M. Fitzpatrick. On the Relative Isolation of a Micronesian Archipelago during the Historic Period. *International Journal of Nautical Archaeology* 36 (2), 353 – 364.
- 2007 Callaghan, Richard T. and Warwick Bray. Sea Contacts between Costa Rica and Colombia. *Journal of Island & Coastal Archaeology* 2 (1), 4 – 23.
- 2005 Pre-Columbian Contacts between the Asian Far East and the Northwest Coast of North America. *Archaeology Ethnology & Anthropology of Eurasia*. 3 (23), 109 – 119.
- 2003 Prehistoric Trade between Ecuador and West Mexico: A computer simulation of coastal voyages. *Antiquity* 77 (298), 796 – 804.
- 2003 Comments on the Mainland Origins of the Preceramic Cultures of the Greater Antilles. *Latin American Antiquity* 14 (3), 323 – 338.
- 2003 The Use of Simulation Models to Estimate Frequency and Location of Japanese Edo Period Wrecks Along the Canadian Pacific Coast. *Canadian Journal of Archaeology* 17 (1), 62 – 82.
- 2001 Analysis of Ceramic Age Seafaring and Interaction Potential in the Antilles. *Current Anthropology*, 42 (2), 308 – 313.
- 1999 Computer Simulations of Ancient Voyaging. *The Northern Mariner/Le Marin Du Nord*, Vol 1, 24 – 33.
- 1994 Meiklejohn, C., A.P. Buchner and R.T. Callaghan. Mammal Bone Pendants and Sub-Adult Burials: A Possible Association in the Late Woodland Period of Manitoba. *Canadian Journal of Archaeology*, Vol. 18, 49 – 56.
- 1992 Callaghan, R.T. and Claire P. Allum. Technological Development and Shared Chemical Processes: An Andean Example. *Archeomaterials* 6 (2), 9 – 15.
- 1987 (invited) Steinbring, J.H., E. Danziger and R.T. Callaghan. Middle Archaic Petroglyphs in Northern North America Part I. *Rock Art Research*, Vol. 4, No. 1, pp 3 – 16: Melbourne, Australia.

- 1987 (invited) Steinbring, J.H., E. Danziger and R.T. Callaghan. Middle Archaic Petroglyphs in Northern North America Part II. *Rock Art Research*, Vol. 4, No. 2, pp 150 – 161: Melbourne, Australia.
- 1986 Analysis of the Fluoride Content of Human Remains from the Gray Site, Saskatchewan. *Plains Anthropologist*, Vol. 31, No. 114, 317 – 328.

Published Conference Proceedings – non-refereed

- 2011 The Question of the Aboriginal Use of Sails in the Caribbean Region. *The XXII Congress of the International Association for Caribbean Archaeology, Kingston , Jamaica, July 23 – 29, 2007*, pp 121 – 135.
- 2010 Moravetz, I. and Richard T. Callaghan. Archaeological Impact Mitigation at Escape, St. Vincent and the Grenadines. *The XXIII Congress of the International Association for Caribbean Archaeology, Antigua W. I., June 28 – July 3, 2009*, pp 640 – 654.
- 2008 MesoAmericans in Polynesia: An impossible journey? *Proceedings of the the 32nd Annual Chacmool Conference: Flowing Through Time, Calgary, Alberta, November 12th – 16th, 2003*, pp 75 – 85. Chacmool Association, Calgary, Alberta.
- 2007 Survival of a Traditional Carib Watercraft Design Element. *Proceedings of the XXI Congress of the International Association for Caribbean Archaeology, Trinidad and Tobago, July 24 – 30, 2005*, pp 739 – 746.
- 2001 Callaghan, R. T. and Stephanie J. Schwabe. Watercraft of the Islands, in *Proceedings of the XVIII Congress of the International Association for Caribbean Archaeology, St. George, Grenada 1999*: I.A.C.A. Martinique, pp 231 – 242.
- 1995 Antillean Cultural Contacts with Mainland Regions as a Navigation Problem, in *Proceedings of the Fifteenth Congress of the International Association for Caribbean Archaeology, San Juan, Puerto Rico, 1993*: I.A.C.A. Martinique, pp 44 – 57.
- 1991 Passages to the Greater Antilles: an analysis of watercraft and the marine environment, in *Proceedings of the Fourteenth Congress of the International Association for Caribbean Archaeology, Christ Church, Barbados, 1991*: I.A.C.A. Martinique, pp 33 – 39 .
- 1990 Possible Preceramic Connections between Central America and the Greater Antilles, in the *Proceedings of the XI International Congress for Caribbean Archaeology, San Juan, Puerto Rico, 1985*: La Fundacion Arqueologica, Antropologica e Historica de Puerto Rico, La Universidad de Puerto Rico - Recinto de Rio Piedras, United States Department of Agriculture - Forest Service, pp 65 – 71 .

Academic Forums

- 2008 Were Caribbean Peoples Long-distance Seafarers? Comment on Atholl Anderson's 'Traditionalism, Interaction and Long-distance Seafaring in Polynesia'. *Journal of Island and Coastal Archaeology* 3(2) 254 – 256.

Encyclopedia Entries

- In press Basil A. Reid and Richard Callaghan. Ortoiriod In, *Encyclopedia of Caribbean Archaeology*, Basil A. Reid and R. Grant Gilmore III (eds.). University Press of Florida, Gainesville.
- In press Basi A. Reid and Richard Callaghan. Ostianiod. In, *Encyclopedia of Caribbean Archaeology*, Basil A. Reid and R. Grant Gilmore III (eds.). University Press of Florida, Gainesville.
- In press Seafaring Simulations. In, *Encyclopedia of Caribbean Archaeology*, Basil A. Reid and R. Grant Gilmore III (eds.). University Press of Florida, Gainesville.
- In press St. Vincent. *Encyclopedia of Caribbean Archaeology*, Basil A. Reid and R. Grant Gilmore III (eds.). University Press of Florida, Gainesville.

Non-Refereed Publications

- 1991 Mainland Origins of the Preceramic Cultures of the Greater Antilles. Ph.D. dissertation University of Calgary. Ann Arbor: University Microfilms.
- 1985 Callaghan, R.T. and J.H. Steinbring. Comments on the Preparation and Weathering of Petroglyphs at the Mud Portage Site (DkKr-4), Northwestern Ontario. *Manitoba Archaeological Quarterly*, Vol. 9, No. 1, pp 1-32.
- 1984 The Richot Recovery Project: Manitoba Archaeological Society, 1983. *Manitoba Archaeological Quarterly*. Vol. 8, No. 2, pp 3-27.
- 1982 Test Excavations at the Lady Rapids Site (DcKc-1); a multi-component site in the Boundary Waters area of Northwestern Ontario, in *Two Conservation Archaeology Sites: The Lady Rapids and Fisk Sites. Archaeology Research Report 18*, pp 1-64. C.S. Reid, editor. Ministry of Citizenship and Culture, Ontario.
- 1982 Callaghan, R.T. and E. Danziger. The Southeastern Manitoba Petroforms: Assessment of an Expanded Sample. *Papers in Manitoba Archaeology, Misc. Paper No. 14, Studies in Manitoba Rock Art, 1, Petroforms*, pp 57-

173. Manitoba Department of Cultural Affairs and Historical Resources, Historic Resources Branch, Winnipeg.

- 1980 Callaghan, R.T. and A.P. Buchner. The Astwood Site (EbKu-10). *Papers in Manitoba Archaeology, Misc. Paper No. 10, Studies in Eastern Manitoba Archaeology*, pp 71-108. Manitoba Department of Cultural Affairs and Historical Resources Branch, Winnipeg.

Abstracts

- 2010 Hristov, Romeo H. and Richard T. Callaghan. Assessing the potential of ancient mid-Atlantic crossings: a Mesoamerican perspective. *Institute of Nautical Archaeology Quarterly*, vol. 31, no 1, pp13.

Book Reviews

- 2011 The Global Origines and Development of Seafaring. Atholl Anderson, James H. Barrett, and Kathryn V. Boyle (eds.) McDonald Institute Monographs, University of Cambridge, Cambridge. *Journal of Island and Coastal Archaeology*, 331-332.
- 2009 The Archaeology of the Caribbean. Samuel M. Wilson. Cambridge World Archaeology, Cambridge University Press, New York., 2007. *Canadian Journal of Archaeology*, 122 – 125.
- 2007 The American Discovery of Europe. Jack D. Forbes. University of Illinois Press, 2007. *International Journal of Maritime History*, XIX (2) 494 – 496.
- 2006 In Search of Mayan Sea Traders. Heather McKillop. Texas A&M University Press, 2005. *International Journal of Maritime History*, 28 (2) 552 – 553.
- 2001 Fire in the Sea; the Santorini Volcano: Natural History and the Legend of Atlantis. Walter L. Friedrich (translated by Alexander R. McBirney). Cambridge University Press. *The Northern Mariner/Le Marin Du Nord*, Vol. 1 pp 21-22.
- 1999 Eyewitness to Discovery: First-Person Accounts of More Than Fifty of the World's Greatest Archaeological Discoveries. Edited by Brian M. Fagan. Oxford University Press, 1996. *Alberta Archaeological Review*, April.
- 1996 Archaeology: A Very Short Introduction. Paul Bahn. University of Oxford Press. *Alberta Archaeological Review*, April.

Technical Reports

- 2012 *Evaluation of the Anos Vale Field and Arnos Vale Swamp Sites.* St. Vincent and the Grenadines National Trust.
- 2009 Moravetz, I and R. Callaghan. *Interim Report on CRM Excavations at the Escape Site, St. Vincent and the Grenadines.* St. Vincent and the Grenadines National Trust.
- 2002 Final Report: *The Use of Simulation Models to Identify Potential Locations of East Asian Wrecks Along the Canadian Pacific Coast.* Parks Canada.
- 2000 *Interim Report 2: The Use of Simulation Models to Identify Potential Locations of East Asian Wrecks Along the Canadian Pacific Coast.* Parks Canada.
- 2000 *Interim Report 1: The Use of Simulation Models to Identify Potential Locations of East Asian Wrecks Along the Canadian Pacific Coast.* Parks Canada.

Meetings and Symposia

- 2003 Faculty Advisor for the Chacmool Conference: *Flowing Through Time*, November 12th – 16th Calgary, Alberta.
- 2002 Organizer of the Archaeoclimatology Workshop: Center for Climatic Research, University of Wisconsin. Held at the University of Calgary, October 7th to 9th.
- 1996 Faculty Advisor for the Chacmool Conference: *The Archaeology of Science.*
- 1993 Faculty Advisor for the Chacmool Conference: *Cultures in Contact.*
- 1986 Co-Chair with Dr. J. Scott Raymond: Intermediate Area session of the 19th Annual Chacmool Conference, Calgary, Alberta.
- 1982 Co-Organizer with Dr. J.H. Steinbring: Canadian Rock Art Research Associates and American Rock Art Research Associates Conference, Winnipeg, Manitoba.

Presented Papers

- 2012 Jean Michel Maillol and Richard Callaghan. Using Ground Penetrating Radar on St. Vincent, West Indies. *Society for American Archaeology Meeting, 77th Annual Meeting April 18 – 29, Memphis, Tennessee.*

- 2012 (invited) Being David Kelley's Graduate Student. *Society for American Archaeology Meeting, 77th Annual Meeting April 18 – 29, Memphis, Tennessee.*
- 2010 (invited) Japanese Shipwrecks on the Northwest Coast of the Americas and other Simulations of Ancient Seafaring. *Paths Across the Pacific VII, Sitka Alaska, July 28th – August 1st 2010.*
- 2010 Moravetz, Iosif and Richard T. Callaghan. What if No one Cares? Gaining Public and Government Support for Archaeology on the Island of St. Vincent. *Canadian Archaeological Association Meetings, Calgary, Alberta, April 28th – May 2nd 2010.*
- 2009 (invited) Modelling Seafaring and Voyages of Discovery. *Global Long Term Human Ecodynamics Conference, North Atlantic Biocultural Organization, Eagle Hill Maine, October 15th – 18th 2009.*
- 2009 Fitzpatrick, Scott M. and Richard T. Callaghan. Saladoid Seafarers: On the Origins and Migration of Early Ceramic Age Amerindian Populations in the Caribbean. *The Caribbean Basin before Columbus, Pre-Columbian Society of Washington D.C., September 19th 2009.*
- 2009 Patterns of Contact between the Islands of the Caribbean and the Surrounding Mainland as a Navigation Problem. *The XXIII Congress of the International Association for Caribbean Archaeology, Antigua and Barbuda, June 29th – July 4th 2009.*
- 2009 Moravetz, Iosif and Richard T. Callaghan Archaeological Impact Mitigation at Escape, St. Vincent and the Grenadines. *The XXIII Congress of the International Association for Caribbean Archaeology, Antigua and Barbuda, June 29th – July 4th 2009.*
- 2007 The Question of the Aboriginal Use of Sails in the Caribbean Region. *The XXII Congress of the International Association for Caribbean Archaeology, Kingston , Jamaica, July 23 – 29, 2007.*
- 2007 On the Question of the Absence of Archaic Age Sites on Jamaica. *Island Worlds Apart: Interactions and Remoteness on Seas and Oceans, Society for American Archaeology Meeting, 72nd Annual Meeting April 25 – 29, Austin, Texas.*
- 2006 Crossing the Guadeloupe Passage in the Archaic Age. *Prehistoric Settlement of the Caribbean. The Society for American Archaeology, 71st Annual Meeting April 25 – 29, San Juan, Puerto Rico.*

- 2006 Callaghan, Richard T. and Scott M. Fitzpatrick Examining Prehistoric Migration Patterns and Historical Contacts in Western Micronesia: a Computer Simulated Approach. *Indo-Pacific Prehistory Association Congress, March 20 – 26, Manila, Philippines.*
- 2005 Survival of a Traditional Carib Watercraft Design Element. *The XXI Congress of the International Association for Caribbean Archaeology, Trinidad and Tobago, July 24 – 30, 2005.*
- 2003 MesoAmericans in Polynesia: An impossible journey? Presented at the 32nd Annual Chacmool Conference: Flowing Through Time, November 12th – 16th Calgary, Alberta.
- 2002 (invited) Variation in Mainland Saladoid Site Environments and the Implications for Island Colonization. Presented at the Society for American Archaeology March 2002 session “The Archaeology of Insularity: Examining the Past in Island Environments.”
- 2001 Callaghan R.T., and I. Moravetz. Prehistoric Land Use Survey on St. Vincent: Report for the 2000 Field Season. Presented at the XIX Congress of the International Association for Caribbean Archaeology, Aruba, Dutch West Indies, 2001. Iosif Moravetz co-author.
- 2001 Comments on the Mainland Origins of the Preceramic Cultures of the Greater Antilles. Presented at the Canadian Archaeological Association Conference, Banff, Alberta, 2001.
- 1999 Callaghan R.T., and Stephanie J. Schwabe. Watercraft of the Islands. Presented at the XVIII Congress of the International Association for Caribbean Archaeology, St. George, Grenada, 1999.
- 1998 Computer Simulations of Ancient Voyaging. Presented at Naval War, Exploration, Societies at Sea: an International Conference on Maritime History. Canadian Naval Research Society, Calgary, Alberta, 1998.
- 1996 Comparative Performance Analysis of Circum-Caribbean Canoes: The Implications for Pre-Columbian Sea Travel. Presented at the 61st Annual Meeting of the Society for American Archaeology, New Orleans, 1996.
- 1993 Antillean Cultural Contacts with Mainland Regions as a Navigation Problem. Presented at the Fifteenth Congress of the International Association for Caribbean Archaeology, San Juan, Puerto Rico, 1993.
- 1992 A Computer Simulation of Routes of Passage in the Caribbean and Gulf of Mexico. Presented at the 57th Annual Meeting of the Society for American Archaeology, Pittsburgh, Pennsylvania, 1992.

- 1991 Passages to the Greater Antilles: an analysis of watercraft and the marine environment. Presented at the Fourteenth Congress of the International Association for Caribbean Archaeology, Christ Church, Barbados, 1991.
- 1986 Steinbring, J.H., E. Danziger and R.T. Callaghan. A Pre-Ceramic Context for Petroglyphs in the Northern Mid-Continent. Presented at the 51st Annual Meeting of the Society for American Archaeology, New Orleans, Louisiana, 1986.
- 1985 Possible Pre-Ceramic Connections between Central America and the Greater Antilles. Presented at the XI International Congress for Caribbean Archaeology, San Juan, Puerto Rico, 1985.

Invited Lectures

- 2005 Digging for Our Roots: 5000 Years of Vincy History. St. Vincent National Trust, May 26th.
- 2002 Using Archaeoclimatic Modelling to Predict Past Climates: A Caribbean Example. Archaeological Society of Alberta, April 15th.
- 2001 Interactive Software for the Investigation of Global Maritime Discovery and Voyaging. Presented to the Learning Commons, University of Calgary, Calgary Alberta.
- 1998 The Prehistory of the Tsuu T'ina Lands. Tsuu T'ina Nation Band Council, October 21.
- 1995 Interpreting Computer Simulations of Caribbean Voyaging. Archaeological Society of Alberta, March 5.
- 1992 A Comparison of Lithic Tool Technology during the Archaic Period in Belize, Central America and the Greater Antilles. Department of Anthropology, University of Manitoba.
- 1992 Prehistoric Marine Technology and Biogeographical Perspectives of Human Colonization in the Caribbean Islands. Department of Anthropology, University of Manitoba.
- 1978 Spatial Analysis of Manitoba Petroform Features. Canadian Rock Art Research Association (Manitoba Chapter), February 25.

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

Global Human Ecodynamics Alliance
 Canadian Archaeological Association
 Society for American Archaeology
 International Association for Caribbean Archaeology

CURRENT TEACHING

- Arky/Anth/Geog 523 **Human Ecological Systems** – A seminar course covering a wide range of issues concerning human interaction with the environment of interest to individual students including cultural and biological issues.
- Arky 205 **Ancient Peoples and Places** – An overview of Old and New World archaeology; the emergence of humans; development of humans and culture from hunting/gathering to agricultural and urban societies.
- Arky 325 **Ancient Civilizations** – A survey of the development of the primary ancient civilization including Mesopotamia, Egypt, Indus Valley, China, Mesoamerica, and the Andes.
- Arky 351 **Archaeology of South America: The Lowlands and the Northern Andes** – survey of the archaeology of these regions.
- Arky 355 **Indians of Lowland South America and the Northern Andes** – A survey of traditional adaptations to these regions and historical and current problems.
- Arky 553 **Circum-Caribbean Archaeology and History** – A seminar course examining the interrelationships of cultural developments in the Caribbean and Gulf region in prehistory and the early historic period.

STUDENT SUPERVISION

Ph.D. students:

Supervisor

- M. Moloney 10/09/12 – present: Island studies.
- B. Cripps 03/09/03 – present: Investigations of a Military Refuse Midden from the Shirley Heights Officer's Quarters, Antigua, West Indies.
- R. Rainville 09/09/01 – present: Climate change impacts on prehistoric cultures
- Iosif Moravetz 00/09/01 – present: Ceramics/Caribbean/Eastern Europe

Committee Member

- K. Kozak 08/09/25 – 10/11/2 (Geography): Domestic spaces in Trinidad de Cuba
- S. Morton 08/09/12 – present: Late/Terminal Classic Maya
- JA White 05/09/01 – present: Andean Ritual

J. Siebert	00/09/01 – 06/04/15: Mesoamerica/Settlement
M. Zender	98/09/01 – 08/10/03: Mesoamerica/Complex Societies/Linguistics
S. Goldsmith	98/09/01 – 12/12/04: Maya/Households/Caribbean
C. de Mille	96/01/02 – 12/01/05: Antigua/Lithic Technology
D. Blower	7/09/01 – 00/12/31: Faces in the Stones: Valdivia Carved Stone Figurines From Loma Alta, Ecuador.
S. Mora	96/09/01 – 00/06/30: Peña Roja: Early Hunters and Gatherers of the Amazonian Tropical Rain Forest Archaeology.
A. Anaya	95/09/01 – 99/06/30: Site Interaction and Political Geography in the Upper Usumacinta Region During the Late Classic: A GIS Approach.
R. Murphy	95/09/01 – 99/06/30: The Prehistory of Antigua, Ceramic Age: Subsistence, Settlement, Culture and Adaptation Within an Insular Environment.

M.A. students

Supervisor

D. Reynolds	02/09/01 – 16/12/04 (Anthropology): The Belize Fisherman's Cooperative: Its survival under changing environmental and market conditions.
B. Gent	02/09/01 – 15/06/04 (Archaeology): Spatial Analysis of Saladoid Period Sites on Antigua, West Indies.
M. Turney	99/09/01 – 01/12/18 (Archaeology): Classification and Interpretation of Saladoid Period Shell Artifacts From the Elliot's and Royall's Archaeological Sites, Antigua, West Indies.

Co-Supervisor

L. Roth	98/09/01 – 02/04/02 (Archaeology): Total Phosphorus Use Area Determination of Lucayan Settlements, Middle Caicos, Turks and Caicos Islands, British West Indies.
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Host Supervisor

Marina Perisheina	98/08 – 02/05 (Archaeology): Pre-Columbian Contacts Between Eastern Asia and Western North America. Institute for Archaeology and Ethnography, Novosibirsk, Russia.
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Honours students

I. Castro-Soto	09/0910 (Honours BA, Archaeology): Colombian Goldwork and Cognitive Theoretical Approaches.
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J. Baker	02/09/06 (Honours BA, Anthropology): Water Shortages and Solutions.
J. Hubka	01/04/30 (Honours BA, Archaeology): Watercraft in Archaeological Context.
D. Thompson	01/04/30 (Honours BA, Anthropology): Marine Exploitation on Antigua.
S. Garrett	00/04/30 (Honours BSc, Archaeology): Computerized Mapping and Analysis of Roman Forts in England.
J. Blais	00/04/30 (Honours BA, Anthropology): Human Ecology, Nutrition and Disease in Tropical Forests.
Michael Rist	99/12/31 (Honours BSc Archaeology): Archaeobotany in the Neotropics.
Y. P. Kjørlien	99/04/30 (Honours BSc, Archaeology): Australopithecine Ecology and Behaviour.

SERVICE

University Committees

2009 – present	University Scholarships Committee
2006 – 2008	General Faculties Council
1999	Latin American Studies Group, Research Strengths and Graduate Program Committee.
1998 – 2001	Joint Faculties Ethics Committee (Geography).

Faculty Committees

2009 – 2011	Faculty of Graduate Studies Council
2005 – 2008	Social Sciences Academic Review and Program Committee
2006	Social Sciences Academic Promotions Committee

Department Committees (Archaeology)

2011 – present	Undergraduate Advisor
2009 (January - June)	Graduate Co-coordinator
2002 – 2004	Executive Council Member

2001	Coordinator, Web Page for Prospective Students
2000	Chair, Graduate Selection Committee
2000	Search Committee Member, Mayanist Position
1999 – 2004	Coordinator, U of C 101
1998 – 2002	Undergraduate Student Advisor
1998 – 2002	Honours Advisor
1998	Graduate Selection Committee Member.
1997 – 2004, 2006 – 2008, 2009 – present	Library Coordinator
1997 – 1999	TUCFA Representative
1997 – 2004, 2006 – 2008, 2009 – present	Reading Room Coordinator
1993	Graduate Selection Committee Member

OTHER PROFESSIONAL SERVICE:

2010	Introductory speech for Dr. Stephanie Schwabe, speaker at the Canadian Society of Petroleum Geologists, April 15 th , 2010, Telus Convention Centre, Calgary, Alberta.
2009 – 2015	Board Member for the Foundation for Research of Ancient Maritime Explorations (2009 – 2015)
2009 – present	Member of Editorial Committee, Inter Metro History Journal / Revista de Historia Inter Metro
2008 – present	Member of Editorial Committee, Caribbean Journal of Archaeology.
2008 – present	Senior Archaeological Advisor, Argyle Heritage Project, St. Vincent and the Grenadines National Trust.
2007 – present	Member of Editorial Committee, Canadian Journal of Pure and Applied Sciences, SENRA Academic.

- 2006 – present Member of Editorial Committee, *International Journal of Island and Coastal Archaeology*, Routledge.
- 1999 Interviewer, The Harvard Institute for International Development
Cambridge, MA.
- 1998 Interviewer, The Harvard Institute for International Development
Cambridge, MA.
- 1998 – present Secretary/Treasurer, Institute of Latin American Archaeology, Calgary.