

Kwäday Dän Ts'ınchi Symposium Biographies April 25 – 26, 2008

BIOGRAPHIES: (Alphabetically by Surname)

Name: Dr. Gail S. Anderson

Affiliation: School of Criminology, Simon Fraser University

Biosketch: Dr. Anderson is a Board Certified Forensic Entomologist. She has active research programmes to discover the sequence and timing of different invertebrates that come in contact with carrion on the land and underwater. This work greatly assists with determining time of death and conditions which human remains may have been exposed to. In addition to her teaching and research, she works closely with police and coroners in their investigations.

Name: Dr. Owen Beattie

Affiliation: Department of Anthropology, University of Alberta

Biosketch: Professor Beattie has been with the University of Alberta since 1980, where he teaches and conducts research in physical anthropology. Earlier research projects involved survey and excavation of Arctic archaeological sites associated with 19th and 18th Century British exploration of the Northwest Passage. He is currently conducting collaborative research investigating facial anatomy in young people with dysmorphologies, and in facial recognition relating to forensic identification. Other research projects involve learning about the perspectives of recent immigrants to Canada relating to issues of tissue donation and harvesting, and the use of decomposition factors in determining elapsed time since death in forensic investigations. He assists the Office of the Chief Medical Examiner in Edmonton, as well as other police and government agencies, in cases involving the identification of decomposing or skeletonized human remains, and has been a forensic expert for the United Nations and Physicians for Human Rights in investigations of human rights and humanitarian issues in Rwanda, Somalia, and Cyprus.

Name: Kathryn Bernick

Affiliation: Royal British Columbia Museum, Research Associate

Biosketch: Kathryn Bernick (MA, University of Victoria) is an archaeologist, writer, and editor, and a Research Associate at the Royal BC Museum. She is based in Vancouver, BC. Bernick is a leading Canadian expert in wet-site archaeology and basketry analysis with 35 years experience and numerous publications. In 2001 she conducted a descriptive technological and stylistic study of the Kwäday Dän Ts'ınchi basketry hat for the Champagne and Aishihik First Nations. The purposes were to document the hat's shape, size, and construction details, especially those that would be useful for making a replica, and to identify characteristics that might determine cultural attribution.

Name: Ron Chambers

Affiliation: Champagne and Aishihik First Nations

Biosketch: A resident of Haines Junction, Yukon, Ron Chambers is a member of the Wolf Clan and a Champagne and Aishihik First Nations (CAFN) and Canadian citizen. Ron is a well known wilderness guide, actor and native history interpreter, artist and craftsperson, with a varied professional background, including working many years as a national park warden. Ron's family background (Southern Tutchone, Tlingit as well as non-native ancestry) is characteristic of the indigenous cultural make-up of the Tatshenshini-Elsek and southern Yukon area, and today he has relatives on both sides of the international border. Ron has been involved in archaeology projects since he was a teenager, and must be credited with "rediscovering" the Hoodoo Mountain obsidian source in Kluane National Park which his ancestors once frequented. Ron was a leader in the 1993 archaeological survey effort to relocate the 19th century Tatshenshini River native fishing villages, and at the time of the Kwäday Dän Ts'ınchi discovery in 1999, was Deputy Chief of CAFN.

Name: Dr. H. Kory Cooper

Affiliation: Department of Sociology and Anthropology, Purdue University

Biosketch: In 2007 I received my PhD in anthropology from the University of Alberta. My thesis was an investigation into the use of native copper by indigenous groups in Alaska and the Yukon Territory. I became interested in archaeometallurgy in the 1990s while participating in excavations at a site in the Copper River Valley in southcentral Alaska that contained many native copper artifacts. In 2001 I returned to the region and worked seasonally as an archaeologist in Wrangell-St. Elias National Park and conducted fieldwork investigating the potential for sourcing native copper. In addition to native copper I have studied metal and metallurgical artifacts from Historic Russian sites in Alaska and Roman-Byzantine copper alloys from the Near East. My research into the indigenous use of native copper and other metals in northwestern North America from the prehistoric through historic periods is ongoing.

Name: Dr. Lorna Corr

Affiliation: University of Bristol

Name: Jim Cosgrove

Affiliation: Royal British Columbia Museum, Research Associate

Biosketch: A scuba diver for more than 45 years and a certified diving instructor since 1971, Jim has long been interested in the plants and animals of the ocean. An accomplished underwater photographer and videographer, Jim and his wife owned and operated J & J DIVERS, (1971 - 2003) a company devoted to assisting underwater image makers. They have been involved in numerous projects producing documentary television programs as well as scientific and popular articles about the Giant Pacific Octopus and other British Columbia marine life. For 30 years Jim served as the Diving Safety Officer at the University of Victoria and is a founding member of the Canadian Association for Underwater Science. Jim remains an external member of the U. Vic. Diving Control Board. After obtaining a Bachelor and Master of Science degree (Marine

Biology) Jim worked for 10 years in the Biology Department of a community college before moving, in 1987, to a new position at the Royal British Columbia Museum. Prior to his retirement as the Manager of the Natural History Section at the Royal British Columbia Museum in 2007 Jim was a member of the Kwäday Dän Ts'ınchi Management Group. As a scientist, Jim continues his research into the life histories of the octopuses and squids of British Columbia. Jim resides in Victoria with his wife.

Name: Dr. Harry Deneer

Affiliation: University of Saskatchewan

Biosketch: Harry Deneer obtained a Ph.D. in Microbiology from the University of British Columbia and is currently an Associate Professor in the Department of Pathology and Laboratory Medicine at the University of Saskatchewan. He is primarily responsible for teaching introductory microbiology to students in Arts and Science, Pharmacy, and Medicine. He is also appointed in the Saskatoon Health Region as Head of the Diagnostic Molecular Pathology Laboratory and oversees all the molecular testing that occurs in clinical microbiology and hematopathology within the Royal University Hospital laboratory facility. His research interests include the molecular aspects of bacterial pathogenesis and the development of PCR-based laboratory assays.

Name: Dr. James H. Dickson

Affiliation: Institute of Biomedical and Life Sciences, Division of Environmental and Evolutionary Biology, University of Glasgow

Biosketch: In 2002 Professor James H. Dickson FRSE retired from his chair of Archaeobotany and Plant Systematics in the University of Glasgow, UK. He is now an Honorary Senior Research Fellow there. From 2006-2007 he held an Emeritus Fellowship from the Leverhulme Trust. He is the author of many papers and five books and is writing a book with the provisional title "Ancient Glacier Bodies". Much of his career was devoted to assessing the significance of plants remains recovered from archaeological sites. Since 1994 he has been involved with the botanical research on Ötzi, the very famous ancient glacier mummy from 5,200 years ago found in the Alps. Since 1999 he has been carrying out similar work on Kwäday Dän Ts'ınchi.

Name: Dr. Richard Evershed

Affiliation: University of Bristol

Name: Dr. Diana French

Affiliation: University of British Columbia Okanagan

Biosketch: I am currently teaching anthropology and archaeology at UBC Okanagan. My primary teaching interests are BC First Nations, aboriginal issues, and applied anthropology and archaeology. I have been carrying out fieldwork in western Canada for the past 38 years, with a special interest in northern BC and the southwest Yukon. My current research projects include an examination of the impact of cattle ranching on heritage resources in southern BC Interior, the identification of individual women through idiosyncratic modifications found on culturally modified trees, and ice patch research in the northwestern part of the province.

Name: Tara Grant

Affiliation: Canadian Conservation Institute

Biosketch: Tara Grant graduated from the Master of Art Conservation program at Queen's University in 1985, following which she was an Andrew W. Mellon Fellow at the Kelsey Museum of Archaeology, University of Michigan. In 1987 she began working with Parks Canada, Prairie and Northern Region (Winnipeg), and a year later joined CCI's Archaeology Laboratory. Since she began working at CCI, Tara has specialized in wet organic materials recovered from Arctic sites and has been the on-site conservator for many excavations in Nunavut including sites on Baffin, Devon, Bathurst, Somerset, and Igloodik islands. Her current work includes developing treatments for cedar basketry.

Name: Sheila Greer

Affiliation: Champagne and Aishihik First Nations

Biosketch: Sheila Greer, M.A. is an Edmonton-based anthropologist with over 30 years of Yukon experience working as a university-based researcher and a consultant to private industry and Territorial, Federal and First Nation Governments. Sheila's specialty is land-based heritage – as known through archaeology, historic sites, oral history, and traditional land use data, as well as the policy and programming issues related to these resources, data sets and research approaches. Sheila has worked for the Champagne and Aishihik First Nations (CAFN) since 1989, assisting with the development of the First Nations' Heritage Program (the first of its kind in the Territory), and with CAFN's investigations related to the Ice Patch and the Kwäday Dän Ts'ınchi (long ago person found) archaeological discoveries. For the latter initiative, Sheila has various responsibilities including documentation of additional finds from the site area; analysis of artifact collections held in Yukon; and oral history, traditional knowledge and ethnohistory research related to the discovery and the Tatshenshini-Elsek Park area. Sheila also liaises on CAFN's behalf with its project partners as well as with the numerous scientists involved in the project, and she is one of the First Nations' representative on the Kwäday Dän Ts'ınchi Management Group.

Name: Monique Haakensen

Affiliation: University of Saskatchewan

Biosketch: Monique Haakensen received an honours B. Sc. Degree in Microbiology and Immunology from the University of Saskatchewan in 2004. In 2006, she completed the Certification Program in Bioinformatics hosted by the Canadian Genetic Diseases Network. Monique is currently at the University of Saskatchewan pursuing a Ph. D. in Health Sciences with a focus on PCR diagnostics, microbial genetics, and bioinformatic analyses to determine phylogenetic relationships among bacteria.

Name: Bill Hanlon, Mike Roch, Warren Ward

Affiliation: unaffiliated

Biosketch: Bill Hanlon, Mike Roch and Warren Ward were all high school teachers at the time of the original discovery in 1999. Bill Hanlon has since changed careers and is now a professional woodworker in the Elk Valley and owns his own small business. Warren Ward has retired on the North Shore of Kootenay Lake and Mike Roch is actively involved in his teaching career at Trafalgar Middle School in Nelson BC. All are

accomplished wilderness hunters and go to great lengths to immerse themselves in wilderness and adventure.

Name: Dr. Richard J. Hebda

Affiliation: Royal British Columbia Museum and University of Victoria

Biosketch: Dr. Richard Hebda is the Curator of Botany and Earth History at the Royal British Columbia Museum in Victoria, BC. He is also an Adjunct Professor in the School of Earth and Ocean Sciences and Biology at the University of Victoria, and from 1996-99, he was Faculty Coordinator for the U. Victoria Restoration of Natural Systems Program. He has also acted as Expert Advisor for the Environmental Assessment Office, 1999-2000. Since 2001, he has worked with Professor Dickson from Institute of Biomedical and Life Sciences, University of Glasgow, on extracting, identifying and interpreting pollen and other plant remains associated with Kwäday Dän Ts'ınchi to provide insight into life and travels, in order to answer questions such as where this person had been, what environment he may have lived or travelled in and what plants he used. Using a conventional transmitted light microscope, he has made detailed studies of the pollen from samples taken from the intestine of the frozen body, from snow and moss samples near the discovery site. He has published one paper on some of these data, and he is co-author with Prof. Dickson and Petra Mudie on several palynology papers in preparation.

Name: Kate Helwig

Affiliation: Canadian Conservation Institute

Biosketch: Kate Helwig received an Honours B.Sc. in Chemistry from the University of Toronto, an M.Sc. in Physical Chemistry from Stanford University and a Master's degree in Art Conservation from Queen's University. She has been working at the Canadian Conservation Institute since 1993, where she is currently a Senior Conservation Scientist in the Analytical Research Laboratory. Her research interests include: study of the characteristics and use of iron oxide pigments; analysis of paint and adhesive residues on objects retrieved from Southern Yukon Ice Patches; application of analytical techniques such as Fourier transform infrared spectroscopy and polarized light microscopy to problems in art conservation and archaeology.

Name: Niki Hobischak

Affiliation: School of Criminology, Simon Fraser University

Biosketch: Ms. Hobischak is a PhD student in the School of Criminology at SFU

Name: Grant Hughes

Affiliation: Royal British Columbia Museum

Biosketch: Grant Hughes is the Director of Curatorial Services at the Royal BC Museum responsible for the RBCM's research and for preserving, managing and developing the museum's collections. He has a M. Sc (Biology) from the University of Victoria and a Diploma in Public Administration. As Co-chair of the Management Group for the Kwäday Dän Ts'ınchi Project he has worked to support and coordinate the involvement of the Royal BC Museum as well as assisting with the planning of the Kwäday Dän Ts'ınchi Symposium and Public Lecture. The Kwäday Dän Ts'ınchi Project Team

received B C Museums Association Award of Merit (2002) for the partnerships created and ongoing collaborations.

Name: Dr. Elaine Humphrey

Affiliation: Vancouver General Hospital, Bio-imaging Facility and Microscopy Consultant

Biosketch: Dr. Elaine Humphrey has more than 20 years experience in electron and light microscopy, training at the General Hospital, Southampton, UK. She became the Director of the Bio-Imaging Facility at the University of British Columbia in 1996. She learned to write grants, and the Facility became a region-wide centre for modern microscopy, unique in Western Canada in emphasising multidisciplinary, cutting edge confocal and electron microscopy technology combined with high pressure freezing and cryo techniques. The top research groups in cell and molecular biology in Western Canada are represented in the user groups. The facility just gained a further \$4.5 million based on the success of her work. 2003-5 she was the President of the Microscopy Society of Canada. She helped to organise the International 3D Live Cell Microscopy Course for six years, and hosted the International Cryo-EM workshop for five years with Kent McDonald (UC Berkeley). She hosted "Small Wonders" on the @Discovery Canada television show for two years on the Discovery Channel, and published five children's books to stimulate scientific curiosity and discovery about microscopy. Dr. Humphrey's images have been published in many books, TV shows (including X files) and graced the walls of Science Centres (Vancouver and Edmonton). Her collaboration with Dr. Monsalve for the Kwäday Dän Ts'ınchi's remains ultrastructural studies began in 2004.

Name: Lawrence Joe

Affiliation: Champagne and Aishihik First Nations

Biosketch: Lawrence Joe is Director of Champagne and Aishihik First Nations (CAFN) Heritage, Lands, and Resources Department. Lawrence belongs to the Crow Clan of Champagne and Aishihik First Nations, and has strong ties to the land in southwest Yukon and northwest BC. He was originally recruited by CAFN as a Conservation Planner in 1989. Since his initial studies on moose and fisheries resources within the southwest Yukon, he has had various responsibilities, including land claim negotiations for Yukon lands and renewable resources, and transboundary land claim negotiations with the BC and federal governments; the latter lead to the joint management agreement for Tatshenshini-Elsek Park. As Director, he is responsible for implementing the CAFN land claim agreement including management of CAFN's "Settlement Lands" as well as facilitating the First Nation in assuming a greater role in the management of all lands and resources within its traditional territory. Lawrence is the First Nations' senior staff responsible for the Kwäday Dän Ts'ınchi project, and is a CAFN representative and co-chair of the Kwäday Dän Ts'ınchi Management Group.

Name: Dr. Ivan Kempson

Affiliation: University of South Australia, Ian Wark Research Institute

Name: Bruce J. Leighton

Affiliation: Department of Biological Sciences, Simon Fraser University

Biosketch: Mr. Leighton works in fish and animal health. Currently operating the Alcan Aquatic Research Centre at SFU, consulting for the City of Surrey and involved in community level research and teaching. Mr. Leighton has 20 years of experience in parasitology research.

Name: Alexander Mackie

Affiliation: BC Archaeology Branch

Biosketch: Alexander Mackie is a staff archaeologist with the British Columbia Archaeology Branch. Al was involved with the recovery of the Kwäday Dän Ts'ınchi remains in 1999 and 2001, and has acted as a liaison between the Province, Champagne and Aishihik First Nations and researchers since the discovery. Al has been the Archaeology Branch representative of the Kwäday Dän Ts'ınchi Management Group since 1999. He started working in Northwest Coast archaeology more than 30 years ago as a contract archaeologist and for various government organizations and museums. He also worked for the Museum of London (UK) for four years. He has active research interests and recent publications in Haida and Nuu-chah-nulth traditional territories as well as with the Kwäday Dän Ts'ınchi project.

Name: Kjerstin Mackie

Affiliation: Royal British Columbia Museum

Biosketch: Kjerstin Mackie holds a Bachelor's Degree in Archaeology from Simon Fraser University in British Columbia. After participating in archaeological excavations in Canada, the United States, Egypt, and Peru, she entered the field of textile conservation. Receiving her Diploma in Textile Conservation from the University of London's Textile Conservation Centre in 1998, she went on to work at the Textile Conservation Centre's workshop and studies departments. Conservation at the Royal British Columbia Museum, and family have kept her busy in British Columbia for the past eighteen years.

Name: Dr. Ron Martin

Affiliation: Department of Chemistry, University of Western Ontario

Name: Valery Monahan

Affiliation: Dept. of Tourism and Culture, Government of Yukon

Biosketch: Valery obtained a Bachelor of Anthropology from St Mary's University and a Master's of Art Conservation from Queen's University. She completed internships the Wolfsonian Institute in Miami Beach, Florida (USA) and Parks Canada in Dawson City, Yukon (Canada). She was Conservator at the New Brunswick Museum in Saint John, New Brunswick, Canada, did archaeological field work for environmental consulting firms in New Brunswick and Nova Scotia and spent three years conserving 18th century archaeological artifacts for the Fortress of Louisbourg (Parks Canada), in Nova Scotia. She has been Conservator for the Government of Yukon's Museum program since December 2000. She provides conservation services to Yukon museums and First

Nations cultural Centres with additional responsibilities to the public Archaeology and Palaeontology collections held in trust by the Government of Yukon. In 2000, CAFN and the Government of Yukon signed a Memorandum of Understanding relating to Kwäday Dän Ts'ınchi. Under the MOA, Valery provides conservation services for wooden Kwäday Dän Ts'ınchi artifacts and for the Kwäday Dän Ts'ınchi hat.

Name: Dr. Maria Victoria Monsalve

Affiliation: University of British Columbia

Biosketch: Maria Victoria (Vicky) Monsalve earned her MSc. and Ph.D. degrees at the University of Sao Paulo, Brazil. At UBC since 1989, she has contributed to projects studying the genetic causes of atherosclerosis, the genetic makeup of Native populations in British Columbia, biological adaptation of the Quechua people to high altitude and the genetic contexts of ancient remains. She spent two years (1995-1997) as a Research Associate at the University of Cambridge, UK to further her work with ancient human DNA. She pulled together an international team of researchers to determine the mtDNA lineage of BC's Kwäday Dän Ts'ınchi remains. Their findings were presented at the World Congress of Mummy Studies (2001) and published in the American Journal of Physical Anthropology and as a chapter in the book Biomolecular Archaeology. She received an award for a presentation on the ancient DNA research at the European Meeting of the Paleopathology Association (2002). In 2004 she assembled a team of international researchers to identify cellular structures and possible microorganisms of the Kwäday Dän Ts'ınchi tissues. Results have been presented at the European Meeting of the Paleopathology Association (2004) and World Congress of Mummy Studies (2007). Dr. Monsalve presently holds a UBC Faculty of Medicine position where she teaches and continues her research.

Name: Dr. Petra J. Mudie

Affiliation: Natural Resources Canada, Geological Survey Canada (Atlantic) and Institute of Biomedical and Life Sciences, Division of Environmental and Evolutionary Biology, University of Glasgow

Biosketch: Petra Mudie is a Research Scientist (Emeritus) with NRC Canada, and an Honorary Research Fellow at Glasgow University, Scotland. She holds a PhD in Geology and a BSc Honours in Botany. Her scientific career includes studies of salt marshes in western North America, and the history of climate in the Canadian Arctic, using pollen and spores to trace changes in the vegetation. In 2001, Professor Dickson invited her to help with forensic palynology studies of the Kwäday Dän Ts'ınchi discovery, using the Environmental Scanning Electron Microscope at the Geological Survey of Canada, Atlantic in Nova Scotia. In the summers of 2002, 2004 and 2005, she worked with Jim Dickson, Sheila Greer and other anthropologists and botanists in the Yukon and Southeast Alaska, studying the salt marsh vegetation and collecting pollen and water samples near the Discovery Site and along the Chilkat and Tatshenshini Rivers. She also interviewed Elders from the Champagne and Aihishik, Carcross Tagish and Teetl'it Gwitchin First Nations, and Tlingit Elders in villages from Ketchikan to Yakutat, concerning their knowledge of traditional uses for edible and medicinal plants. She has published three papers on the results of her studies of the remains of Kwäday Dän Ts'ınchi (see online www.paleoforge.com).

Name: Frances Oles

Affiliation: Champagne and Aishihik First Nations

Biosketch: Frances Oles is Heritage Resources Officer with Champagne and Aishihik First Nations (CAFN). She is responsible for developing, directing, coordinating, managing, implementing, and evaluating a wide variety of programs, projects, and initiatives involving heritage resources to ensure CAFN effectively fulfills its mandate under Land Claims and related agreements. One of the major projects she oversees is the planning and development of a CAFN cultural centre in Haines Junction, Yukon. She was involved with the stewardship of Kwäday Dän Ts'ınchi since April 2001 when she coordinated the Gathering of Neighboring First Nations and Tribes, whose input was sought in determining a culturally appropriate means of managing the human remains and associated artifacts. She is one of three CAFN representatives on the Kwäday Dän Ts'ınchi Management Group. Frances, who is a member of the Crow Clan, is a visual artist working in contemporary and traditional artforms. Her special interests include moosehide tanning, traditional sewing techniques and spruce root weaving.

Name: Nicholas Panter

Affiliation: Royal British Columbia Museum

Name: Mike Petrik

Affiliation: Department of Ophthalmology, University of British Columbia

Biosketch: BA from Simon Fraser University (2004), major in Criminology, minor in Biological Sciences, MSc from University of British Columbia (2006), discipline in Neuroscience. During undergraduate studies, I worked under the supervision of Dr. Gail Anderson, Forensic Entomologist at Simon Fraser University. I assisted in various scientific studies on underwater crime scenes, post-mortem decomposition, and examination of silt debris found beneath the remains of Kwäday Dän Ts'ınchi.

Name: Jennifer Poulin

Affiliation: Canadian Conservation Institute

Biosketch: Jennifer Poulin earned a B.Sc.H in Chemistry from Acadia University in 1992 and a M.Sc. in Analytical Chemistry, specializing in gas chromatography, from Dalhousie University in 1995. She has worked in the analysis of natural products since 1996 and began work at the Canadian Conservation Institute in 2003 as a Conservation Scientist. She specializes in the analysis of organic components in art and archeological objects using gas chromatography-mass spectrometry.

Name: Dr. Mike Richards

Affiliation: Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany and the Department of Archaeology, University of Durham, U.K.

Biosketch: Mike Richards is currently a Professor at the Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology in Leipzig, Germany where he runs the archaeological science research group. He is also a Professor of Archaeology at the University of Durham in the U.K. Mike obtained his B.A. and M.A.

in Archaeology at Simon Fraser University and his Ph.D. at the University of Oxford in the U.K. He was a lecturer, reader and then Professor of Bioarchaeology at the University of Bradford before moving to Leipzig in 2004.

Name: Kelly Sendall

Affiliation: Royal British Columbia Museum

Biosketch: Born and raised in Victoria, Kelly is the Manager of the Natural History Section at the Royal BC Museum and as such manages all the collection and research activities for the section. Kelly started at the museum as a volunteer in 1982 and moved on to the Invertebrate, Fish, Reptile and Amphibian Collections Manager position in 1991. He has a B.Sc. and a M.Sc. from the University of Victoria in biology and systematics. Before becoming Manager in 2007, Kelly was interested in the polychaetes of BC and only recently became involved in the Kwäday Dän Ts'ınchi project as a member of the Management Group.

Name: Jane Sirois

Affiliation: Canadian Conservation Institute

Biosketch: Jane Sirois graduated from Carleton University in 1981 with a B.Sc. in Chemistry, and then worked with Environment Canada and the Geological Survey of Canada. She joined CCI in 1982 and is currently a Senior Conservation Scientist in the Analytical Research Laboratory. Her work includes the application of X-ray diffraction, light and electron microscopy, and X-ray spectrometry to the identification of a wide range of materials in conservation science. Her research interests included the study of historic objects, particularly metals and glass, the study of artists' materials, the investigation of the materials and techniques of artist David Milne, and the detection of inorganic pesticide residues on museum objects.

Name: Camilla Speller

Affiliation: Archaeology Department, Simon Fraser University

Biosketch: Camilla Speller is a PhD student in the Archaeology Department Simon Fraser University in Burnaby, BC. She received her BA in Archaeology and Physical Anthropology from the University of Calgary. Her MA research, completed in May 2005, was focused on ancient DNA analysis of salmon remains from Keatley Creek, an archaeological site on the Northwest Plateau. Her research interests continue to be focused on the molecular analysis of archaeological faunal remains to study past subsistence strategies. Her on-going doctoral work is focused on examining the pre-historic use of wild and domestic turkey in the Southwest United States through ancient DNA analysis.

Name: Dan Straathof, MD, FRCPC

Affiliation: Royal Columbian Hospital, Forensic Pathologist

Biosketch: Dr. Straathof is a forensic pathologist at Royal Columbian Hospital in New Westminster, BC. He graduated from the University of Alberta, Faculty of Medicine in 1993 (MD with Honors in Research). He then completed postgraduate training in Anatomical Pathology (University of Alberta, 1993-98) and Forensic Pathology (King County Medical Examiner's Office, Seattle, Washington, 1998-99). He has worked as a

forensic pathologist at Vancouver General Hospital, and has been in his current position at Royal Columbian Hospital since 2001. Dr. Straathof's contribution to the Kwäday Dän Ts'ınchi project is in the pathologic examination of the remains, and to assist in the collection of certain samples for other participating researchers. He brings expertise in the documentation, interpretation and diagnosis of medical disease, injury, environmental effects and post-mortem changes in human remains.

Name: Chief Diane Strand

Affiliation: Champagne and Aishihik First Nations

Biosketch: Diane Strand, Xíxch'tláa, a member of the Crow Clan, is Chief of the Champagne and Aishihik First Nations (CAFN). A grand-daughter of well-known Yukon Elder the late Mrs. Annie Ned, Diane is of Southern Tutchone and Norwegian cultural background. She has a diploma in Business Administration from Yukon College and was an employee of her First Nation from 1993 until becoming Chief in 2006. During that period, Diane was CAFN's Heritage Officer, with her Nation being the first in the Territory to have such a staff position. She was also instrumental in the founding of the Yukon First Nations Heritage Group, a collective organization representing heritage staff of Yukon First Nation governments. Diane has a long history of volunteer work in her community, including the youth dance group the Dakwakada Dancers, as well as with numerous aboriginal sports organizations. Diane was one of three CAFN representatives on the Kwäday Dän Ts'ınchi Management Group from the time of the original discovery, through to 2006.

Name: Treena Swanston

Affiliation: University of Saskatchewan

Biosketch: Treena Swanston is a Ph.D. Candidate in the Department of Archaeology at the University of Saskatchewan. Her current area of research involves the use of molecular techniques to analyze the impact of infectious disease on past populations. She obtained an MA in Archaeology from the University of Saskatchewan that involved the paleopathological and osteological analysis of a late 19th century cemetery population. She also has a BSc in Microbiology from the University of Regina.

Name: Dr. Kevin Telmer

Affiliation: University of Victoria, School of Earth and Ocean Sciences

Name: Peter M. Troffe

Affiliation: InStream Fisheries Research Inc.

Biosketch: Peter is native to south coastal British Columbia and has a background in population ecology and fish taxonomy. He has been working in fisheries and aquatic research in western North America for the past 15 years and had the privilege of working with the Kwäday Dän Ts'ınchi Management Group when he was curator of the fish collection at the Royal BC Museum during 1999-2000. He is currently a Research Biologist with InStream Fisheries Research Inc. in Vancouver, British Columbia.

Name: Al von Finster

Affiliation: not affiliated

Biosketch: Al is a native of the Yukon and has a background in fish habitat management and salmon restoration, enhancement and stewardship. In 1983 he became the first of Fisheries and Oceans Canada's (DFO) habitat staff stationed north of the 60th parallel. He was DFO's representative in the review of the proposed Windy Craggy project, which precipitated the development of the current provincial park. The review extended over almost a decade, during which he was able to fly over and conduct inspections and sampling annually lower Tatshenshini watershed. Through Shiela Greer, he was given the opportunity to provide field assistance to Dr. Petra Mudie and her colleagues and to provide a fisheries context of the area. Al is currently a Resource Restoration Biologist with DFO in Whitehorse, but is contributing to this paper in a non-affiliated capacity

Name: Dr. David C. Walker

Affiliation: University of British Columbia, Department of Pathology and Laboratory Medicine

Biosketch: David C. Walker earned BA and MA degrees at the University of California at Santa

Barbara in Marine Botany Cell Biology. The PhD was done in Cell Biology/Marine Botany at UBC in 1980. In 1980 he joined the Pulmonary Research Laboratory (PRL) at St Paul's Hospital in Vancouver and then in 1983 became a member of the Department of Pathology at UBC while continuing to do research at the PRL which became the James C. Hogg iCAPTURE Centre for Cardiovascular and Pulmonary Research. His work initially addressed the issue of mechanisms of airway epithelial permeability in particular following cigarette smoke exposure. Subsequently the focus shifted to morphological aspects of the process of leukocyte migration from pulmonary blood vessels into the airspaces. This work led to a focus on the role of fibroblasts in leukocyte migration and the importance of fibroblasts in the maintenance of tissue structural integrity particularly in the human lungs in the context of Chronic Obstructive Pulmonary Disease. In addition he has worked with others in the iCapture unit on the mechanisms of air pollutions contributions to atherosclerotic plaque instability. He also has overseen the electron microscope facility at St Paul's Hospital for about 25 years and since 2004 has been collaborating with Dr. Monsalve in the interpretation of electron microscopic data from the Kwaday Dan Ts'ínchi" corpse. He is currently a faculty member in the Department of Pathology and Laboratory Medicine at UBC where he has been Graduate Advisor for more than six years and continues to do Pulmonary Research at the iCAPTURE Centre.

Name: Dr. Ernie Walker

Affiliation: University of Saskatchewan

Biosketch: Ernie Walker is the Chairman and Professor of the Department of Archaeology at the University of Saskatchewan. Dr. Walker also holds associate memberships in the College of Medicine, the College of Dentistry, and the Department of Geological Sciences. His interests include the archaeology of the Great Plains and American Southwest with specific emphasis on human adaptation to environmental change as well as geoarchaeology and zooarchaeology studies. Dr. Walker also conducts

research in human osteology and paleopathology. He has been very active in the forensic identification of human remains and is a Special Constable with the Royal Canadian Mounted Police. Professor Walker has been awarded the Saskatchewan Order of Merit, the Order of Canada, and the 3M National Teaching Fellowship.

Name: Dr. John Webster

Affiliation: Department of Biological Sciences, Simon Fraser University

Biosketch: Dr. Webster has been on faculty at SFU for 30 years and is a very widely published parasitologist.

Name: Dr. Dongya Yang

Affiliation: Archaeology Department, Simon Fraser University

Biosketch: Dongya Yang is an associate professor in the Archaeology Department of Simon Fraser University, and the director of the Ancient DNA laboratory. His long-term academic research interests concentrate on the study of ancient DNA and its applications to archaeology and physical anthropology through the genetic analysis of archaeological human, animal and plant remains. His previous work centered on physical anthropology, investigating human adaptations, while more recently he has focused on applying ancient DNA to archaeological faunal remains to study past human subsistence, hunting practices, and paleoenvironments. Dr. Yang's on-going research has also been focused on developing and testing new methods and techniques for more effective ancient DNA extraction, PCR amplification, contamination controls and ancient DNA authentication.

Name: Dr. Gregory Young

Affiliation: Canadian Conservation Institute

Biosketch: Gregory S. Young is Senior Conservation Scientist in the Conservation Research Division of the Canadian Conservation Institute (CCI). He joined CCI in 1977, after receiving an Honours B.Sc. in cell and molecular biology from Carleton University, Ottawa. He has published in several conservation fields, including pigment analysis, stone biodeterioration, paleobotany, wet archaeological materials conservation, and, analytical development for natural organic materials. In 1999 he received a Ph.D. from the Institute of Archaeology, University of London, for research of deterioration in collagenous materials. Studies followed on the preservation of historical parchment documents, including the Hudson's Bay Company Charter of 1670, the Archimedes Palimpsest, the Charters of Freedom of the United States of America and currently treaties between the Crown and Aboriginal Peoples of Canada.