DEPARTMENT OF ARCHAEOLOGY
SIMON FRASER UNIVERSITY

BIENNIAL REPORT
2009 / 2010
# Table Of Contents

**Chair's Report**.................................................................................................................................4

**In Memoriam**.........................................................................................................................................6

**Department Organization**..................................................................................................................8
  - Faculty and Staff...............................................................................................................................8
  - Staff Profiles........................................................................................................................................9
  - Faculty Retirements.............................................................................................................................10
  - Graduate Students.............................................................................................................................11
  - Sessional Instructors..........................................................................................................................12
  - Committees and Other Appointments...............................................................................................13

**Graduate programme**............................................................................................................................15
  - Graduate Programme Committee Report.........................................................................................15
  - Graduate Degrees Awarded................................................................................................................16
  - Graduate Departmental and External Awards....................................................................................17
  - Archaeology Graduate Student Caucus Report..................................................................................19

**Undergraduate programme**..................................................................................................................20
  - Undergraduate Programme Committee Report................................................................................20
  - Honours Theses Completed...............................................................................................................21
  - Undergraduate Awards and Prizes.....................................................................................................21
  - Archaeology Student Society Report...............................................................................................22
  - Undergraduate Courses Offered.........................................................................................................23

**First Nations Studies programme**.........................................................................................................26

**Field Schools**..........................................................................................................................................27
  - 2009/2010 Sunshine Coast Field School............................................................................................27
  - 2010 South Pacific Field School in Fiji.................................................................................................29
  - 2009/2010 Kefalonia, Greece Field School...........................................................................................30
The Archaeology Department has emerged from the financially dismal period that descended upon us in 2008 a stronger and leaner organization. Leaner in a number of ways, but in particular in terms of our faculty complement. Add into this mix increasing enrolments and the downloading of administrative tasks to staff and faculty, and one wonders how Archaeology and other departments have survived. Part of the answer for Archaeology is that we are fortunate to have preserved our complement of office and technical support staff who do much of the critical work that keeps the department going. Thanks to the creativity of our office manager, Chris Papaianni, who works miracles with limited instructional budgets, we have managed to maintain the integrity of our teaching programmes while at the same time enabling faculty to take the study leave they richly deserve. We have relied heavily on Sessional Instructors to carry us through this period and luckily we have been blessed with excellent instructors who have stepped in to fill in the instructional gaps. I would like to extend a special thanks to our staff members, Chris Papaianni, Shannon Wood, Barbara Winter, Merrill Farmer, Laura Nielson, and Peter Locher. I couldn’t have expected for a finer group of individuals to have as co-workers.

The Archaeology Department had several reasons to celebrate in 2010. The first archaeology course was taught at SFU in September 1970, making the 2010-11 academic year the 40th anniversary of our department. In celebration of this milestone in our history we launched a special seminar series highlighting topics that reflected the traditional strengths of our department. Speakers were introduced by Prof. Emeritus Roy Carlson and included: Indigenous Archaeology (Prof. T.J. Ferguson, University of Arizona); Archaeological Science (Prof. Michael Richards, UBC); Bioanthropology (Prof. Paul Vasey, University of Lethbridge); and Archaeology of the Pacific Rim (Prof. David Burley, SFU).

The year 2010 marked yet another major milestone in the history of our department. After an amazing 40 years in the Faculty of Arts and Social Sciences, our department made the decision to transfer to the new Faculty of the Environment, effective 1 April 2011. Consultation began in 2008 and it has been a long process to ensure a smooth transition for our students, staff, and faculty. I am very grateful for the support of faculty and staff members during the transition, especially Dana Lepofsky, Mark Collard, David Burley, Chris Papaianni, and Shannon Wood who attended several meetings. Also, during this transitional period, David Burley spearheaded significant modifications to our undergraduate major programme, and we completed a new three-year plan. Both sets of changes will guide our future development in the context of our new faculty.

Since the completion of our previous biennial report in 2006, we have witnessed significant changes in Archaeology Department faculty and staff personnel. Mark Collard joined our faculty as a Tier 2 CRC Chair in July 2007. He brought to our department a dynamic research programme in human evolutionary studies. Robyn Bannerjee, who served as Chair’s Assistant/Graduate Programme Assistant retired in January 2007 after ten years of dedicated and friendly service to our department. In her place we welcomed Merrill Farmer who enthusiastically administers our Graduate Programme and has been a great supporter of our graduate students. We were pleased to have Heather Robertson as our Lab Technician in 2007-2008. Prof. Knut Fladmark retired in 2008 after an awe-inspiring 35 year career. He was followed by Prof. Erle Nelson in 2009, whose distinguished accomplishments included his election as a Fellow of the Royal Society of Canada.

Continued on page 5
We were very fortunate to welcome Rudy Reimer to our faculty as an Instructor in May 2009. Rudy was a joint appointment between the Department of Archaeology and the First Nations Studies Programme and his expertise in geoarchaeology and Indigenous archaeology makes him a superb addition to our faculty. The positions held by Shannon Wood (Lab Manager) and Peter Locher (Lab Technician) were formalised in 2010 with the departure of long-time staff member Andrew Barton, who transferred to the Office of the VP Research. We are grateful to Andrew for his years of service and look forward to working with Shannon and Peter. The closure of the Kamloops campus took effect in 2010 and meant the end of a well-established archaeology programme at Kamloops, which in recent years was taught by Nadine Gray. We are sorry to lose such a wonderful instructor in Nadine. Also leaving Archaeology was Dr. Annie Ross who began a full-time appointment in the First Nations Studies Programme and Ian Gregson who vacated his position as receptionist. Shortly thereafter, our receptionist position was revised to Undergraduate Programme Assistant/Budget Clerk and was very capably filled by Laura Nielson.

We were deeply saddened by the loss of two exceptional individuals. Prof. Richard Shutler passed away in June 2007. Despite being retired for 20 years, Richard could be found in his office on a regular basis, happily working away on various projects. In August 2009 we received the additional sad news that Ann Sullivan had passed away. Ann served as our Department Manager for 13 years (1992-2005). Both Richard and Ann were wonderful colleagues who have been sadly missed.

Our Archaeology and Ethnology Museum Curator Dr. Barbara Winter was very active in 2009/10. In 2009, Barbara and her collaborators (LIDC and Xaytem First Nation) launched an international award-winning website, “A Journey into Time Immemorial”. This was followed closely in 2010 by successful funding applications to create two additional interactive websites: one on forensic sciences and another focusing on the Komagata Maru incident. Another important development for the museum was the installation of a magnificent cedar carving by Haida artist Jim Hart. It was placed in the Saywell Hall atrium, just outside the newly renovated entrance to our museum.

Other highlights of 2009-10 included several events organised by an incredibly energetic A.S.S. (Archaeology Students Association), including field trips to local points of archaeological interest, meetings with faculty, and numerous departmental social events. Also, a defunct undergraduate newsletter (The Debitage) was revived and revitalised and undergrads published a wonderful archaeological calendar; the proceeds of which were donated to charities. Our graduate students were extremely successful in obtaining external scholarships and awards, and especially worthy of note was Ph.D. student Camilla Speller’s receipt of the Governor General’s Gold Medal. In December 2009, our socially-conscious graduate students collected more foodstuffs than any other SFU Graduate Caucus in a food drive organized to support the SFU food bank.

Overall Archaeology has risen to the challenge to do more with less and we have defined the directions in which we need to grow. We have remained a top-rated research-oriented department with an impressive array of laboratory classes, and field schools, with active field research taking place in Alberta, coastal and interior British Columbia, China, Ecuador, Ethiopia, Greece, the South Pacific, and Southwestern USA. We are very much looking forward to growing in new directions as we become integrated into the new Faculty of the Environment beginning on 1 April 2011.

Catherine D’Andrea
Department Chair
IN MEMORIAM

RICHARD SHUTLER, JR.

Faculty, staff and students in the Department of Archaeology were deeply saddened with the passing of Professor Richard Shutler Jr on June 28, 2007. Richard had a long and rich career in archaeology with positive impacts on students, colleagues and friends. He joined the Department of Archaeology in 1979 as its Chair, ultimately retiring in 1987, but continuing to be engaged and on campus as Professor Emeritus until his death. His smile, stories, collegiality and friendship are sincerely missed.

Born in Longmont, Colorado, Richard did his first undergraduate degree at Salinas Junior College in California. Immediately thereafter he enlisted in the army (1941-1946), volunteering to serve as an ambulance driver on the Burma Road, but being posted as a radio operator and diesel mechanic on the Aleutian Islands.

Following the war, he earned AB (1949) and MA (1950) degrees in Anthropology from the University of California, Berkeley. As a Berkeley student, he studied with, or as Richard would say, did service under such luminaries as Robert Lowie (MA supervisor), Alfred Louis Kroeber, Robert Heizer and Edward Winslow Gifford.

Between 1952 and 1958, Richard relocated to Tucson as Director of the University of Arizona Radiocarbon Laboratory. He also earned his PhD (1961) there under Emil Haury, his dissertation being a definitive study of Lost City, Pueblo Grande de Nevada. This volume was published in 1961, republished in 1984 and continues to be in print.

From 1950 to 1965, Richard was Curator of Anthropology at the Nevada State Museum in Carson City. Professor Shutler, the university teacher and administrator, thus, did not begin until well into mid-life when he held his first appointment at the University of Hawaii (1965-1966). He subsequently taught at San Diego State College (1967), University of Victoria (1968-1972) and University of Iowa (1972-1979). At Iowa he was hired as Department Chair, providing him the requisite experiences for his final move to Simon Fraser in 1979.

Trying to summarize the accomplishments of an archaeological career as long and productive as Richard’s is all but an impossible task. Above all else, he was a field archaeologist, working on his first project, a burial mound excavation in the Sacramento Valley of California in 1947. He was

Continued on page 7
Continued from page 6

involved in his last fieldwork in 2001 with David Burley, an excavation project on the first Lapita settlement sites on the island of Tongatapu, Kingdom of Tonga.

In the 54 years intervening, his research ranged widely to the Great Basin, California, New Caledonia, Vanuatu, the Loyalty Islands, Philipines, Gilbert Islands, Fefan Island, Rotuma, Hong Kong, Austral Islands, Ha’apai Islands of Tonga as well as China.

Richard’s field programs were often lengthy engagements, not the least including a seven month long stint in New Caledonia in 1951/1952 with Edward Winslow Gifford and a nine month excursion in 1963/1964 to Vanuatu. The New Caledonia project proved critical to archaeology as it is known today in the Pacific; he and Gifford discovered and excavated the type site for the Lapita cultural complex, a complex associated with exploration and first settlement across a large swath of Oceania. On the 50th anniversary of that project, Richard was publicly honoured by the New Caledonian government and feted by a hundred of his colleagues in celebratory symposium at Koné and Noumea, New Caledonia.

From the pages of Asian Perspectives to Science, Richard’s fieldwork and other insights are incorporated in well over 100 publications. His eye for the innovative is attested to in many areas from his early compilation and interpretations of Pacific radiocarbon dates, to his integrated use of linguistics and archaeology to track Austronesian speaking horticulturalists across the Pacific, to his long-standing collaborations with geologist William Dickinson in ceramic petrography.

This innovation was clearly present in his use of heavy machinery to expose stratigraphy in over 3 km of trenches at Tule Springs, a controversial paleo-Indian site in Nevada claimed to be 28,000 years old. Under Richard’s direction, the project convincingly illustrated only ephemeral human presence, and none outside of the accepted chronology for peopling of the Americas. The Great Basin Archaeological Society awarded Richard its highest honours for this and other “pioneering” research on occasion of his retirement in 1986.

Richard Shutler’s concern for scholarship went beyond the strict rubric of science. With Mary Elizabeth Shutler, his first wife, he published one of the first popular books on Pacific archaeology, reviewing and making readable what was then known of Southeast Asia, Australia and Oceania. This book was not only well received but is considered today one of the classics in Pacific Archaeology.

Richard Shutler Jr was aptly described as “the warm hearted” in a 2002 festschrift volume in his honour. When all is said and done, there is no better way to describe the man’s demeanor and treatment of others. To his students, he was a champion. To his colleagues he always had kind words. And in his life outside of the academy, especially in his more than quarter century long marriage to Jamie Evrard, he could speak only of the positives.

Richard enjoyed and lived his life to the fullest, and all who have met him are richer for their engagement. We salute Professor Richard Shutler Jr for what he has been, and what he has given in his 28 year association with the Department of Archaeology at Simon Fraser University. Well done!
Department Organisation

Faculty

Dr. David Burley • Professor
Dr. Roy Carlson • Professor Emeritus
Dr. Mark Collard • Associate Professor
Dr. Catherine D’Andrea • Department Chair; Professor
Dr. Jon Driver • V. P., Academic & Provost, SFU, Professor
Dr. Knut Fladmark • Professor Emeritus
Dr. Birute Galdikas • Professor
Dr. Brian Hayden • Professor
Dr. Ross Jamieson • Associate Professor
Dr. Dana Lepofsky • Associate Professor
Dr. Robert J. Muir • Senior Lecturer
Dr. Erle Nelson • Professor
Dr. George Nicholas • Professor
Rudy Reimer • Instructor
Dr. Annie Ross • Assistant Professor
Dr. Mark Skinner • Professor
Dr. John Welch • Associate Professor
Dr. Dongya Yang • Associate Professor
Dr. Eldon Yellowhorn • Director of First Nations Studies, Associate Professor

Associate Faculty

Dr. John Clague • Professor, Earth Sciences
Dr. Rolf Matthews • Professor, Biology
Dr. George MacDonald • Bill Reid Foundation
Dr. Pablo Nepomnaschy • Assistant Professor, Health Sciences

Adjunct Faculty

Dr. Ron Adams
Dr. Jerome Cybulski
Dr. James Delgado
Dr. Richard Lazenby
Dr. Alan McMillan
Dr. Deborah C. Merrett
Dr. Mike Richards
Dr. Michael Wilson
Dr. Harald Yurk

Post-Doctoral Fellows

Dr. Briggs Buchanan
Dr. Natasha Lyons
Dr. Douglas Ross
Dr. Camilla Speller

Department Staff

Merrill Farmer, BA Chair’s Assistant & Graduate Programme Assistant
Laura Nielson, BA Undergraduate Programme Assistant & Budget Clerk
Chris Papaianni, BA Manager, Academic and Administrative Services
Peter Locher, MA Laboratory Technician
Barbara Winter, PhD Museum Curator
Shannon Wood, MA Laboratory Manager
**Staff Profiles**

**Merrill Farmer (BA, SFU)**  
Chair Secretary & Graduate Programme Assistant

Merrill Farmer joined the department in 2007 after graduating from Simon Fraser University with a Bachelor’s degree in Political Science. Her main interests included international war and peace studies. Merrill’s main roles as Graduate Programme Assistant & Assistant to the Chair include graduate admissions, awards and advising, as well as assisting with tenures, promotions and faculty liaising. Merrill takes pride in working in the University environment and aiding in the success of students.

**Laura Nielson (BA, SFU)**  
Undergraduate Programme Assistant & Budget Clerk

Laura graduated from Simon Fraser University in 2005 with a BA in Archaeology and has worked at SFU since 2006. Some of her duties as the Undergraduate Programme Assistant/Budget Clerk include: ordering textbooks; collecting and disseminating course outlines; processing financial paperwork; account reconciliation; and various other tasks to assist undergraduate students and the Department of Archaeology team.

**Peter Locher (MA, SFU)**  
Laboratory Technician

In the position of Laboratory Technician, Peter is responsible for all technical aspects of the Department’s teaching/research laboratories and collections, computing operations, and the maintenance of laboratory and field equipment. Peter received an MA from SFU in 2006; his specialization is Geoarchaeology and BC prehistoric archaeology.

**Christina Papaianni (BA, SFU)**  
Manager, Academic & Administrative Services

The budgetary side of my position involves managing the departmental operating budgets, providing administrative support for research and specific purpose budgets, and assisting in the development, planning, and execution of instructional and teaching assistant budgets. While fiscal constraints on the temporary instructional and teaching assistant budgets over the past two years have severely taxed our budgets, we have managed to maintain the integrity of our undergraduate programs. I also provide academic advice and administrative support to prospective and registered undergraduate students, participate as a member of the undergraduate curriculum committee, prepare the undergraduate semester course schedule, participate in long range course planning, and monitor undergraduate registration activity.

**Barbara Winter (PhD, SFU)**  
Curator, SFU Museum of Archaeology and Ethnology

Barbara earned a BA in Classics from UBC in 1974, an MA in Anthropology from Carleton in 1983, and a PhD in Archaeology from SFU in 1996. In addition, she has completed certificates in Museum Technology and Online Design Processes.

Barbara has extensive experience working with archaeological and ethnological collections, with particular research interests in artifact conservation, visual archaeology, and new media. Her ongoing efforts to enhance the museum experience, both on-site and online, have benefited SFU students and the public. In 2009, Barbara’s digital projects for the SFU virtual museum won the World Summit Award (UNESCO/UN) in the e-Culture and Heritage category, and the Advertising & Design Club of Canada Award in the Educational Website category.

**Shannon Wood (MA, SFU)**  
Manager, Archaeology Laboratories and Curator, Research Collections

Shannon earned a BA, High Honours, in Anthropology from the University of Saskatchewan in 1984, and completed her MA in Archaeology at SFU in 1992. Her thesis was entitled: Tooth wear and the sexual division of labour in an Inuit population.
Archaeology Department
Retirees

Knut Fladmark

Professor Knut Fladmark decided to take early retirement in September 2007 following a 36-year career of cramming undergraduate minds full of detail and insights into geoarchaeology, the prehistory of Canada, ethnographic cultures of North America, archaeological field techniques and a spate of other topics. Over the same time he achieved the rank of Professor, published widely, supervised 15 successful graduate students, and became a central figure in the debate over the peopling of the New World. Indeed, his pioneering hypothesis of a coastal migration route is the one now dominant in New World archaeology. Knut also authored a manual on field methods which, for 30 years has been used to train not only SFU students but many others throughout North America. The student who honestly professed on a course evaluation to never having “a teacher so knowledgeable and prepared” typically characterizes Knut’s dedication to archaeology throughout his career and his approach to the classroom.

David Burley

Erle Nelson

Professor Erle Nelson arrived at SFU in 1974 as a post-doctoral fellow, after completing his Ph.D. in Nuclear Physics at McMaster University. He was hired as a faculty member in the Archaeology Department in 1975. Once might ask, what could a nuclear physicist possibly do as a faculty member in an archaeology department? Well, as it turns out...a lot! Over the course of his 34 plus-year career Erle’s work has strongly influenced what we do as archaeologists. The main highlights of his career are his contributions to carbon-14 dating and stable isotopic analysis in archaeology. His work has been reported in over 150 scientific publications. Early in his career Erle helped to develop a new method of radiocarbon dating that is now used by archaeologists everywhere. Based on this work he was elected to the Royal Society of Canada in 2006. In addition Erle’s work in stable isotopes has profoundly influenced our understanding of diet and subsistence in the prehistoric Pacific Northwest and other parts of the world. We hear a lot these days from universities about the benefits of “interdisciplinarity”. Clearly Erle’s career has been a testament to what can be achieved in an interdisciplinary setting.

Catherine D’Andrea
### Graduate Students

#### PhD Students

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<tr>
<th>Name</th>
<th>Supervisor</th>
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<tr>
<td>Ursula Arndt</td>
<td>Dr. Dongya Yang</td>
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<td>Sarah Carr-Locke</td>
<td>Dr. George Nicholas</td>
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<td>Diane Cockle</td>
<td>Dr. Lynne Bell</td>
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<td>Derek Congram</td>
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<td>Alan Cross</td>
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<td>Mana Dembo</td>
<td>Dr. Mark Collard</td>
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<td>Marina Elliott</td>
<td>Dr. Roy Carlson</td>
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<td>Andrew W. Hickok</td>
<td>Dr. Mark Skinner</td>
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<td>Maria Hillier</td>
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<td>Stephen Kasstan</td>
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<td>Michael Klassen</td>
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<td>Amy Mundorff</td>
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<td>Craig Rust</td>
<td>Dr. Mark Skinner</td>
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<td>Audrey Scott</td>
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<td>Camilla Speller</td>
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<td>Chris Springer</td>
<td>Dr. Dana Lepofsky</td>
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<td>Hua Grace Zhang</td>
<td>Dr. Dongya Yang</td>
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#### Masters Students

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<tr>
<td>Daniela Balanzetegui</td>
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<td>Mairi Capper</td>
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<td>Nyra Chalmer</td>
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<td>Simon Solomon</td>
<td>&amp; Dr. Bob Muir</td>
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<td>Lia Tarie</td>
<td>Dr. Eldon Yellowhorn</td>
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<td>Beth Veliky</td>
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<td>Pamela Wadge</td>
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<td>Louise Williams</td>
<td>Dr. Catharine D’Andrea</td>
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<td>Jessi Witt</td>
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<td>Kathleen Young</td>
<td>Dr. Dave Burley</td>
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<td>Dr. Brian Hayden</td>
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SESSIONAL INSTRUCTORS

Spring 2009
Dr. Clement Apaak  ARCH 100 D300
Dr. Rob Commissio  ARCH 201 D100
Derek Congram  ARCH 332 D100
Dr. Jennifer Ramsay  ARCH 100 D200
Dr. Doug Ross  ARCH 334 D100
Dr. Dennis Sandgathe  ARCH 131 H100

Fall 2009
Dr. Kevan Edinborough  ARCH 272 D100
Dr. Doug Ross  ARCH 100 D200
Derek Congram  ARCH 332 D100
Dr. Jennifer Ramsay  ARCH 100 D200
Dr. Doug Ross  ARCH 334 D100
Dr. Dennis Sandgathe  ARCH 131 H100

Spring 2010
Dr. Alvaro Higuera  ARCH 333 D100
Dr. David Maxwell  ARCH 340 D100
Dr. Doug Ross  ARCH 223 E100
Dr. Jane Roy  ARCH 131 C100
Dr. Dennis Sandgathe  ARCH 131 D100

Fall 2010
Dr. Ana Maria Boza-Arlotti  ARCH 442 E100
Dr. Dennis Sandgathe  ARCH 485 D100

Field students aboard the “Archaeonaut”
Flotation: Masters student Pam Wadge in Ethiopia
Committees and Other Appointments

Department Tenure Committee

2009
Catherine D’Andrea: Chair
Mark Skinner
George Nicholas
Ross Jamieson
Mark Collard
Dana Lepofsky
Paul Kingsbury (Geography)

2010
Catherine D’Andrea: Chair
Dave Burley
George Nicholas
John Welch
Dongya Yang
Ross Jamieson
Eldon Yellowhorn

Graduate Executive Committee

2009
Ross Jamieson: Chair
Mark Collard
Dana Lepofsky
Annie Ross
Derek Congram: Grad Representative
Merrill Farmer

2010
Ross Jamieson: Chair
George Nicholas
John Welch
Marina Elliott & Sandie Dielissen: Grad Representatives
Merrill Farmer

Undergraduate Executive Committee

2009
Dongya Yang: Chair
Dana Lepofsky
Bob Muir
Chris Papaianni

2010
Dave Burley: Chair
Dongya Yang
Chris Papaianni
Chelsey Armstrong: Undergraduate Representative

Archaeology Student Society

2009 • Spring
Meredith Douglas-Moore: President
Megan Wong: Vice President
Anna Shoemaker: Secretary
Morgan Bartlett: Faculty Liaison
Aviva Finkelstein: Treasurer
Todd Tregilges: Forum Representative

2009 • Fall
Megan Wong: President
Rhory Gillies: Vice President
Anna Shoemaker: Secretary
Morgan Bartlett: Faculty Liaison
Aviva Finkelstein: Treasurer
Todd Tregilges: Forum Representative
Alisha Gauvreau: Debitage Editor

2010 • Spring
Rhory Gillies: President
Alisha Gauvreau: Vice President
Anna Shoemaker: Secretary
Morgan Bartlett: Faculty Liaison
Aviva Finkelstein: Treasurer
Todd Tregilges: Forum Representative
Alisha Gauvreau: Debitage Editor
ARCHAEOLOGY STUDENT SOCIETY

2010 • Summer
Rhory Gillies: President
Sean Matthews: Vice President
Anna Shoemaker: Secretary
Nicholas Chesworth: Faculty Liaison
Kody Huard: Treasurer
Alisha Gauvreau: Forum Representative

2010 • Fall
Rhory Gillies: President
Sean Matthews: Vice President
Nicole Slade: Secretary
Chelsey Armstrong: Faculty Liaison
Kody Huard: Treasurer
Anna Shoemaker: Forum Representative
Katie Hausch: Debitage Editor
Nikki Lloyd-Gervais: Debitage Editor
Tori Miller: Debitage Editor

ARCHAEOLOGY GRADUATE STUDENT SOCIETY

2009
Luseadra McKerracher: Chair
Guy Duke: Co-Chair
Molly Capper: Treasurer
Pam Wadge: Secretary
Kristina Hannis: GSS Representative
Pam Wadge: TSSU Representative
Derek Congram: Department Representative

2010
Luseadra McKerracher: Chair
Lia Tarle: Co-Chair
Molly Capper: Treasurer
Katie LeBlanc: Secretary
Kristina Hannis: GSS Representative
Pam Wadge: TSSU Representative
Sandie Dielissen: Department Representative

Master’s Student Jon Sheppard at the Keatley Creek Site

SEMINAR SERIES ORGANIZING COMMITTEE

2009 2010
Katie Young Beth Mathews
Mike Klassen
Merrill Farmer

GRADUATE STUDENT SOCIAL COMMITTEE

2009 2010
Craig Rust Jon Sheppard
Jon Sheppard Jenny Lewis

LIBRARY COMMITTEE REPRESENTATIVE

2009 2010
Dongya Yang Dana Lepofsky

FACULTY OF ARTS RESEARCH LIAISON

2009/2010
Brian Hayden
AS one of the largest graduate programmes in Canada with a focus on Archaeology and Bioanthropology, our programme continues to produce a wonderful diversity of research, with four PhD and ten MA degrees awarded over the last two years. We currently have 48 students in the program, working in areas such as paleoethnobotany, the archaeology of convicts, hominin thermoregulation, residential school archaeology, lithic sourcing, GIS, acorn leaching, Neandertal clothing, and a host of other topics. Their research occurs in British Columbia and Alberta, and also in places as widespread as Ethiopia, Tonga, Ecuador and China. We were able to garner nine national SSHRC MA or PhD scholarships in 2009/10.

I would also point out Audrey Scott’s Joint POW/MIA Accounting Command Fellowship for work in forensics, and Molly Capper’s award for best poster at a recent Society for Ethnobiology conference. Camilla Speller’s research on ancient turkey DNA led to receipt of the Governor-General’s Gold Medal on graduation, as well as publication in the journal PNAS, and an appearance on CBC Quirks and Quarks. These are all testaments to the quality of our students’ work nationally and internationally. As I approach the end of my stint as graduate chair, I’m struck by what a pleasure it has been working with such a variety of excellent emerging scholars in our discipline.

Ross W. Jamieson
Graduate Programme Committee Chair

GRADUATE DEGREES AWARDED

2009 Doctor of Philosophy

Michaels, Gina Claire
Poverty, Chastity and Obedience: Monastic Masculinities in Spanish Colonial Riobamba

Mundorff, Amy
Human Identification Following the World Trade Center Disaster: Assessing Management Practices for Highly Fragmented and Commingled Remains

Speller, Camilla
Investigating Turkey Domestication in the Southwest United States Through Ancient DNA Analysis

2010 Doctor of Philosophy

Congram, Derek
Spatial Analysis and Predictive Modeling of Clandestine Graves From Rearguard Repression of the Spanish Civil War

2009 Master of Arts

Hall, Jonathan B.
Pointing it Out: Fluted Projectile Point Distributions and Early Human Populations in Saskatchewan

Hammond, Joanne
Archaeology Without Reserve: Indigenous Heritage Stewardship in British Columbia

McKerracher, Luseadra
An Assessment of the Impact of Population History and Risk on Human Weaning Behaviour

Morrissey, Greg
Tools and Change: The Shift from Atlatl to Bow on the British Columbia Interior Plateau

Springer, Chris
Tracking Identity in a Harrison Valley Pithouse
# 2010 Master of Arts

<table>
<thead>
<tr>
<th>Name</th>
<th>Thesis Title</th>
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<tbody>
<tr>
<td>Duke, Guy</td>
<td>Acequia Maria Mayancela: The San Andrés Canal System, Chimborazo, Ecuador</td>
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<td>Ewing, Robyn</td>
<td>Finding Middle Ground: Case Studies in Negotiated Repatriation</td>
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<td>Johnson, Sarah</td>
<td>Combining Traditional Knowledge With Archaeological Investigation in Grace Harbour, Desolation Sound, B.C.</td>
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<td>McGrath, Krista M.</td>
<td>The Effects of High Temperature on the Quantity and Quality of Mitochondrial and Nuclear DNA in Non-Human Skeletal Remains</td>
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<tr>
<td>Ritchie, Morgan</td>
<td>From House to Watershed: The Cultural Landscape of the Sts’ailes People</td>
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</table>

The Bell Site
GP Graduate Departmental and External Awards

External Awards

Pacific Century Graduate Scholarship
  Marina Elliott PhD
  Luseadra McKerracher PhD
  Louise Williams MA
  Lia Tarle MA
  Chris Springer PhD

Marvin Stark Graduate Fellowship
  Simon Solomon MA

Community Trust Endowment Funds (CTEF)
  Doctoral Graduate Fellowship in Humanities
    Jennifer Lewis PhD
    Audrey Scott PhD

CGS Michael Smith Foreign Study Supplement (SSHRC)
  Kathleen LeBlanc MA

National Science Foundation (NSF) Scholarship for Archaeological Training for Native Americans and Native Hawaiians
  Simon Solomon MA

Social Sciences and Humanities Research Council of Canada (SSHRC) Graduate Scholarship Doctoral Awards
  Marina Elliott
  Jennifer Jones
  Chris Springer

Social Sciences and Humanities Research Council of Canada (SSHRC) Graduate Scholarship Masters Awards
  Kathleen Young
  Kathleen LeBlanc
  Nyra Chalmer
  Jason Moore
  April Ruttle
  Louise Williams

SFU Administered Awards

C.D. Nelson Memorial Graduate Scholarship
  Louise Williams MA (2)
  Alexandra Kruse MA

Dr. J.V. Christensen Graduate Scholarship
  Guy Duke MA
  Bethany Mathews MA

President’s Ph.D. Research Stipend
  Mana Dembo PhD
  Andrew Hickok PhD
  Michael Klassen PhD
  Alan G. Cross PhD
  Jennifer Jones PhD
  Craig Rust PhD
  Audrey Scott PhD
  Hua Zhang PhD

Special Graduate Entrance Scholarship (Targeted)
  Bethany Mathews MA
  Luseadra McKerracher PhD

Special Graduate Entrance Scholarship (General)
  Marina Elliott PhD
  Luseadra McKerracher PhD
  Kathleen LeBlanc MA
  Michelle Lynch MA

Provost’s Prize of Distinction
  Nyra Chalmer MA

Graduate International Research Travel Award
  Daniela Balanzategui MA
  Mairi Capper MA
  Guy Duke MA
  Pamela Wadge MA
SFU Graduate Fellowship
- Ursula Amdt MA
- Daniela Balanzategui MA (2)
- Mairi Capper MA
- Alan Cross PhD
- Ryan Dickie MA
- Sandie Dielissen MA
- Guy Duke PhD
- Annique-Elise Goode MA
- Kristina Hannis MA
- Julia Jackley MA (2)
- Sarah Johnson MA
- Darryl Kirsch MA
- Michael Klassen PhD
- Kathleen LeBlanc MA
- Krista McGrath MA (2)
- Luseadra McKerracher PhD
- Bethany Mathews MA
- Jason Moore MA
- Nova Pierson MA
- Craig Rust PhD
- April Ruttle MA (2)
- Jon Sheppard MA
- Camilla Speller PhD
- Pamela Wadge MA
- Louise Williams MA
- Kathleen Young MA

Dr. Jack Nance Memorial Graduate Scholarship in Archaeology
- Derek Congram PhD
- Simon Solomon MA

Roy L. Carlson Graduate Scholarship in Prehistoric British Columbia Archaeology
- Ryan Dickie MA
- Jon Sheppard MA

OTHER AWARDS AND DISTINCTIONS

JPAC-CIL Forensic Science Academy Fellowship
- Audrey Scott PhD

IPinCH Graduate Student Fellowship
- Michael Klassen PhD

Heritage Fellowship from the American Schools of Oriental Research
- Molly Capper MA

Best Poster Award at the Society of Ethnobiology Annual Meeting
- Molly Capper MA

Simon Solomon working at the Jubilee School site, Piikani First Nation, Alberta

Department of Archaeology Administered awards

Simon Solomon working at the Jubilee School site, Piikani First Nation, Alberta
The Archaeology Graduate Student Caucus (AGSC) is an organizational body composed of all current graduate students in the Department of Archaeology. Our core mandate is to administer revenue generated through graduate student fees and through weekly fundraising raffles to our caucus members.

The AGSC comprises an executive, several representatives that liaise with other administrative bodies, and assorted committees that organize events for and allocate space to our membership.

During the 2009-2010 and 2010-2011 academic years, we fulfilled our mandate with regard to the administration of our available funds. The AGSC provided cold, filtered water to students with desk space in the Grad Lab. We also reimbursed more than a dozen students for costs associated with conference and/or research-related travel. Additionally, AGSC members organized two successful spring seminar series and a 2009-2010 AGSC social. Lastly, we contributed financially to the organization of the 2010-2011 undergraduate Archaeology Student Society social.

We look forward to the upcoming academic year. I am optimistic that the 2011-2012 cohort of graduate students will bring fresh enthusiasm and integrity to the AGSC community here in our new home in the Faculty of Environment.

Luseadra McKerracher
Chair
Undergraduate Programme

Archaeology department majors and minors as well as overall enrollments have substantially risen in the past two years. By the spring 2010 semester, the department had 126 honors/majors/joint majors as well as 24 minors/extended minors; at the end of 2010 there were 148 honors/majors/joint majors and 23 minors/extended minors. As for general enrollments, archaeology classes are literally stuffed with class sizes of over 300 students in multiple offerings of Arch 100 and Arch 131 on a semester-to-semester basis. From the 2008/2009 teaching year to present (2010/2011), FTEs (full time equivalent students) have risen from 320.9 to 369.8 for an enrollment increase of 15.2%.

Two major undergraduate committee initiatives were implemented between 2009 and present. The first was Senate approval for, and 2009 initiation of, an undergraduate Certificate Program in Archaeological Resource Management. This certificate requires completion of archaeology courses with benefit to employers in the private consulting and government sectors of heritage resource management. The certificate program has proven popular with 20 students now enrolled and six certificates awarded since fall 2009. A fall 2010 review and recommended restructuring of the department undergraduate program is the second undergraduate committee initiative. These recommendations were presented to a Department Retreat on 29 October and are now being acted upon for Senate approval in April 2011. Also presented at the retreat were proposals for upper division certificate programs in Environmental Archaeology and Biological Anthropology.

David Burley
Undergraduate Committee Chair

Chris Papaianni
Manager & Academic Advisor
Honours Theses Completed

2009 • Spring
Lisa Dojack  Invertebrate Fauna of a Death Site

2009 • Fall
Jesse Wentzloff  Inka Roads as Made Work

2010 • Spring
Tabatha Donaldson  Images of Archaeology in Popular Film

2010 • Fall
Frederick Foster  A Reassessment of the Application of Bergmann’s Rule to Humans

Undergraduate Awards and Prizes

Ingrid Nystrom Archaeology Award

2008/2009  Lisa Dojack
2009/2010  Aaron Racicot

Brian Williamson Memorial Award in Archaeology

2008/2009  Morgan Bartlett
2009/2010  Vanessa Medland

Jack Nance Memorial Essay Prize

2008/2009  Not awarded
2009/2010  Anna Shoemaker  A Critical Examination of Archaeologists and the Actions in Mexico

Chair’s Essay Prize

2008/2009  Not awarded
2009/2010  Maria Titova  Osteology Report: Case # 82-7

Vice President Research Undergraduate Student Research Award (VPR USRA)

2010  Nyra Chalmer
      Nicholas Chesworth
      Andrea Unrau
During the years 2009/2010 the Archaeology Student Society was quite active in getting archaeology students more involved with the society. Our main goal has been to encourage a rapport between students as well as all archaeology departmental members.

During the 2009 year we planned many movie nights and socials that encouraged students both new and old to come out and become acquainted with each other. Additionally, we held our annual A.S.S. Meet and Greet which was well attended by all departmental members. In the spring semester we had faculty members come to our general meeting to give presentations about life as a professional archaeologist once you graduate and possibilities of furthering your education. Moreover, we planned a field trip to Seattle, Washington where we attended a presentation by Don Johanson and visited the Lucy exhibit at the Pacific Science Center. Lastly, during the fall semester we restarted the Debitage which is the A.S.S. archaeological newsletter.

During the 2010 year we continued to run the society as previously done including movie nights, socials, presentations and our annual A.S.S. Meet and Greet. Our spring semester field trip involved attending the Shipwreck Conference in Victoria, BC which was held by the UASBC. In addition to our typical activities we started our first faculty member led field trip with Rudy Reimer in the fall semester. This field trip included a tour of archaeological sites around the Greater Vancouver area with discussions about how they have been managed by consulting archaeologists, the city and the province of British Columbia. As well, the fall semester was the first time that the A.S.S. created a 2011 archaeological calendar which have been sold with the purpose of donating all proceeds to charity. Finally, the Debitage newsletter has continued to become more popular and has seen more contributions from both students and faculty members.

The Archaeology Student Society is looking forward to the 2011 year where we hope to continue to see archaeology students getting more involved with the society as well as continuing to work closely and develop a stronger relationship with all departmental members.

Rhory S. H. Gillies
A.S.S President
# Undergraduate Courses Offered

## Fall 2010

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Instructor</th>
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<tr>
<td>100-3</td>
<td>Ancient Peoples and Places</td>
<td>Ross Jamieson</td>
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<tr>
<td>100-3</td>
<td>Ancient Peoples and Places</td>
<td>Catherine D’Andrea</td>
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<tr>
<td>100-3</td>
<td>Ancient Peoples and Places (Distance Education)</td>
<td>Brian Hayden</td>
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<tr>
<td>131-3</td>
<td>Human Origins</td>
<td>Biruté Galdikas</td>
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<tr>
<td>131-3</td>
<td>Human Origins (Distance Education)</td>
<td>Dennis Sandgatehe</td>
</tr>
<tr>
<td>131-3</td>
<td>Human Origins (Harbour Centre)</td>
<td>Sarah Walshaw</td>
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<td>131-3</td>
<td>Human Origins (Surrey)</td>
<td>Sarah Walshaw</td>
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<tr>
<td>201-3</td>
<td>Introduction to Archaeology</td>
<td>David Burley</td>
</tr>
<tr>
<td>226-3</td>
<td>Prehistory of Religion: Shamans, Sorcerers and Saints (Distance Education)</td>
<td>Brian Hayden</td>
</tr>
<tr>
<td>272-3</td>
<td>Archaeology of the Old World</td>
<td>Brian Hayden</td>
</tr>
<tr>
<td>332-3</td>
<td>Special Topics: Aboriginal Australians in Archaeological and Ethnographic Perspective</td>
<td>George Nicholas</td>
</tr>
<tr>
<td>339-3</td>
<td>Lab Practicum – Culture of Greece (Field School - Greece)</td>
<td>Geoffrey Schmalz</td>
</tr>
<tr>
<td>344-3</td>
<td>Primate Behaviour (Evening)</td>
<td>Biruté Galdikas</td>
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<tr>
<td>372-5</td>
<td>Material Culture Analysis</td>
<td>Brian Hayden</td>
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<tr>
<td>373-5</td>
<td>Human Osteology</td>
<td>Dongya Yang</td>
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<tr>
<td>377-5</td>
<td>Historical Archaeology</td>
<td>Ross Jamieson</td>
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<td>383-3</td>
<td>Molecular Bioarchaeology</td>
<td>Dongya Yang</td>
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<td>386-3</td>
<td>Archaeological Resource Management</td>
<td>John Welch</td>
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<td>Field Work Practicum (Field School - Greece)</td>
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<td>442-5</td>
<td>Forensic Anthropology</td>
<td>Ana Maria Boza-Arlotti</td>
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<td>Archaeological Theory</td>
<td>George Nicholas</td>
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<td>485-5</td>
<td>Lithic Technology</td>
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## Summer 2010

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<td>Brian Hayden</td>
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<td>Human Origins (Distance Education)</td>
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<td>Prehistory of Religion: Shamans, Sorcerers and Saints (Distance Education)</td>
<td>Brian Hayden</td>
</tr>
<tr>
<td>332-3</td>
<td>Special Topics: Fiji Culture and Heritage (Field School – Fiji)</td>
<td>David Burley</td>
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<tr>
<td>433-6</td>
<td>Background to Fieldwork (Field School – Sunshine Coast)</td>
<td>Dana Lepofsky</td>
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<td>434-3</td>
<td>Exercises in Mapping and Recording (Field School – Sunshine Coast)</td>
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<td>Exercises in Mapping and Recording (Field School – Fiji)</td>
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<td>435-6</td>
<td>Field Work Practicum (Field School – Fiji)</td>
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<td>Human Origins (Surrey)</td>
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<td>201-3</td>
<td>Introduction to Archaeology</td>
<td>Robert Muir</td>
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<td>223-3</td>
<td>Prehistory of Canada (Evening)</td>
<td>Douglas Ross</td>
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<td>Ancient Egypt and Africa (Evening)</td>
<td>Catherine D'Andrea</td>
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<td>273-3</td>
<td>Archaeology of the New World</td>
<td>Rudolf Reimer</td>
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<td>301-3</td>
<td>Prehistoric and Indigenous Art</td>
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<td>Special Topics: Near East Archaeology (Evening)</td>
<td>Jane Roy</td>
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<td>Special Topics: Cultural Heritage Management in Latin America</td>
<td>Alvaro Higuera</td>
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<td>Special Topics: Aztec and Inca: Archaeology of Empires</td>
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<td>340-5</td>
<td>Zooarchaeology</td>
<td>David Maxwell</td>
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<td>348-5</td>
<td>Archaeological Conservation</td>
<td>Barbara Winter</td>
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<td>365-3</td>
<td>Ecological Archaeology</td>
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<td>376-5</td>
<td>Quantitative Methods</td>
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<td>Archaeological Theory</td>
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<td>Special Topics: Great Ape Societies (Evening)</td>
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<td>Lab Practicum - Culture of Greece (Field School - Greece)</td>
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<td>American Southwest (Evening/Harbour Centre)</td>
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<td>349-5</td>
<td>Management of Archaeological Collections (Evening)</td>
<td>Barbara Winter</td>
</tr>
<tr>
<td>372-5</td>
<td>Material Culture Analysis</td>
<td>Robert Muir</td>
</tr>
<tr>
<td>373-5</td>
<td>Human Osteology</td>
<td>Dongya Yang</td>
</tr>
<tr>
<td>376-5</td>
<td>Quantitative Methods in Archaeology</td>
<td>Robert Muir</td>
</tr>
<tr>
<td>378-3</td>
<td>Pacific Northwest North America</td>
<td>Dana Lepofsky</td>
</tr>
<tr>
<td>438-5</td>
<td>Geoarchaeology</td>
<td>Paul Goldberg</td>
</tr>
<tr>
<td>442-5</td>
<td>Forensic Anthropology</td>
<td>Mark Skinner</td>
</tr>
<tr>
<td>471W-5</td>
<td>Archaeological Theory</td>
<td>George Nicholas</td>
</tr>
</tbody>
</table>

Undergraduate Programme • 25
Archaeology is the host department for First Nations Studies (FNST) on the Burnaby campus. FNST is an interdisciplinary subject dedicated to examining the experience of Aboriginal People in Canada and introduces students to the ongoing dialogue between the Aboriginal minority and Canadian society. Students may apply courses toward a major in First Nations Studies, or toward a minor that complements their major area of study. The programme is evolving and now includes joint majors in Archaeology and First Nations Studies and Linguistics and First Nations Studies. Four faculty, Eldon Yellowhorn, Deanna Reder, Rudy Reimer and Annie Ross, teach FNST courses on the Burnaby campus. Sessional instructors are contracted each semester to teach some courses, such as FNST 332-3 Ethnobotany of British Columbia First Nations.

Students may obtain credits from the core programme, which lists seventeen courses that have FNST designation. Two courses, FNST 101-3 The Cultures, Languages and Origins of Canada’s First Peoples and FNST 201-3 Canadian Aboriginal Peoples’ Perspectives on History, are offered through distance education. New courses are being developed that will augment those currently listed, and which reflect the expertise of the faculty. FNST 322-3, Special Topics course that explores issues such First Nations Heritage Stewardship, Métis and Indigenous Expressive Arts. FNST 442-3 pairs students to faculty for directed reading designed to target specific interests that are not offered as regular courses. Cognate disciplines such as sociology/anthropology, linguistics, history, criminology and archaeology offer courses with significant Aboriginal issues content that are cross-listed for credit in First Nations Studies.

Eldon Yellowhorn
Director, First Nations Studies Programme

Eldon Yellowhorn (standing) speaks at a book launch and First Nations Studies Research Celebration at SFU October 2010
In the summers of 2009 and 2010, the Simon Fraser University Archaeology Field School was conducted in the context of the larger collaborative research project between Simon Fraser University and Tla’amin First Nation: The Tla’amin First Nation – Simon Fraser University Archaeology and Heritage Stewardship Program. This is a five-year research programme co-lead by Drs. John Welch and Dana Lepofsky. The field school components in 2009 and 2010 were directed by Dana Lepofsky. In 2009, Masters student Julia Jackley was the TA; in 2010 then Masters and now PhD student Chris Springer TA’ed the course. Julia’s Masters thesis research and Chris’ PhD research are based on the data collected in the context of these field schools.

The overall goal of the research programme is to conduct archaeological and heritage research that is meaningful to and driven by Tla’amin community needs and desires. For archaeology, this translates to research on understanding ancient human interactions with the land and sea. We use these data to both educate about the past and also to apply this knowledge to current management of marine and terrestrial resources.

In 2009, we focused our efforts on excavating the settlement of KleKwaNum on the Tla’amin Reserve and on archaeological survey of terrestrial and intertidal sites in Desolation Sound. KleKwaNum has been occupied continuously by the Tla’amin people for the last 2000 years. In 2010, we focused our efforts on the excavation and mapping of the large settlement at Cochrane Bay in Desolation Sound as well as survey and mapping terrestrial and inter-tidal sites in Desolation Sound. The excavation of the site at Cochrane Bay will be the basis of Nyra Chalmer’s Master’s thesis. The study of intertidal sites (e.g., fish traps) is the focus of Megan Caldwell’s PhD thesis.

Continued on page 28
Continued from page 27

As is typical of other archaeology field classes at SFU, the 2009 and 2010, students were exposed to a range of experiences. They excavated using a variety of techniques, made high precision maps of archaeological sites, and conducted archaeology survey, looking for and mapping diverse site types. An on-going teaching philosophy of our local field schools is that we treat field school students as junior research collaborators. Thus, we involve them daily in a variety of decisions related to both the day to day running of a field camp, and larger decisions about how best to reach project goals.

Students worked closely with community members in a variety of settings. Our project strategy is to have a portion of the crew at any given time live on the Tla’amin Reserve and excavate highly visible and accessible sites while a portion of the crew camps and works in the more remote regions of Tla’amin tradition territory—within stunning Desolation Sound. Community engagement involved working alongside community representatives on our field crew, giving tours to visiting community members, organizing community days, and talking to various representatives from the media.

In 2009, the students’ outreach efforts were compiled in a project web site. This web site was awarded an “Honourable Mention” for the Canadian Archaeological Association 2010 Public Communications Award for “its blend of traditional knowledge and modern First Nations information together with archaeological discoveries that serve to support, strengthen and preserve history and native heritage”.

Dana Lepofsky
Tropical climate, beachside accommodations and excavation of a 500-700 AD village site on the Coral Coast of Viti Levu in the Republic of Fiji was the lot for 23 undergraduate students enrolled in the 2010 South Pacific Archaeology Field School. The field school is offered on a biennial basis as a joint undertaking between the Department of Archaeology and SFU International Programmes. Course offerings included Arch 332-3 (Fiji Culture, History and archaeology), Arch 434-3 (Mapping and Recording) and Arch 435-6 (Field Work Practicum) with lectures spread between SFU Burnaby, University of South Pacific in Suva, and Levuka, the former colonial capital of Fiji on the island of Ovalau. The fieldwork practicum was conducted on the shoreline slopes of the Sigatoka Sand Dunes National Park as a collaborative undertaking with the Fiji Museum and the National Trust for Fiji.

The South Pacific field school is guided by two objectives, the first being the training of students in archaeological field methods. The Sigatoka Sand Dunes is an exceptional venue in this respect with abundant archaeological materials actively eroding from its coastal margin, not the least including three burials excavated in 2010 by students at the request of the Fiji Museum.

The dominant focus of field school efforts, however, was the excavation of superimposed village occupation floors, each including house features and distinctive ceramic assemblages numbering in the tens of thousands of sherds. The second objective is equally important – the provision of students with a cultural understanding and appreciation for the peoples of Fiji. In part accomplished by living and working in Fiji for a seven and a half week period, students also participated in village visits, had guest lectures from diverse faculty at the University of South Pacific, were given tours of historic and archaeological sites and had active engagement with staff of the Fiji Museum as well as local Fijian field assistants at Sigatoka.

David Burley
The 2009 and 2010 seasons of the Pronnoi NW Necropolis project represented the second and third year of excavation as conducted by SFU’s Semester Abroad Program in Greece in cooperation with the Greek Archaeological Service of Kefalonia. The NW Necropolis represents one of several cemeteries dating to the Archaic and Classical periods that existed around the western slopes of the acropolis of the ancient polis of Pronnoi, which was one of the four city-states (the tetrapolis) of Kefalonia.

During the course of these two seasons fifty square meters of the ancient cemetery were excavated within ten new trenches. A total of thirteen burials were found, all inhumations, as well as an unusual cenotaph (Figure 1). Most of these burials were of the storage-jar (pithos) type typical of the Archaic and Early Classical periods (see the type as drawn in Figure 2), many of which were reused for at least one subsequent burial. One tile-covered burial was discovered, belonging to ca. 430-420 B.C. (see grave-goods pictured in Figure 3); while a plain grave of hasty appearance was also investigated, with its occupant identified as a likely war casualty. At least seventeen skeletons in all were recovered, covering the age-range of infants, children, young and older adults; initial sexing has proven difficult with many of the skeletons that were disturbed by grave reuse.

The 2009 and 2010 seasons of excavation succeeded in establishing the general parameters of the NW Necropolis as used in the 6th and 5th centuries B.C., in a surface area of ca. 1000 m². The chronology of the cemetery was also expanded by more than fifty years, with the earliest graves now dating to ca. 550 B.C. and the latest to ca. 400 B.C. As thus far investigated the cemetery consists of several ‘family plots’ as well as a scatter of individual burials, especially for the infant and child graves. In the 5th c. B.C. several phases of terrace-structures were built, one of which (Terrace A1, in Area All) revealed a significant amount of discarded household pottery, small-finds, and terracotta roof-tile (both local and imported), all of which must have been taken from a nearby ‘town-dump’.

Geoffrey Schmalz
Two field research programs were initiated in 2009 in the Republic of Fiji and the Kingdom of Tonga. In June/July archaeological site survey was carried out on Vanua Levu and Kadavu, respectively the second and fourth largest islands in Fiji. Of particular concern was the recording of early ceramic period sites relating to initial Lapita settlement ca. 3000-2800 BP as well as post Lapita transition in the following half millennium.

Both surveys were part of a SSHRC funded project (2009-2012) on the pre-Polynesian homeland, and both were conducted successfully with assistance of Fiji Museum archaeological staff.

Less successful in 2009 was a rock art survey in the Kingdom of Tonga undertaken with Shane Egan, a Tongan resident. In 2008, we had recorded a 14th to 16th century AD Hawaiian style petroglyph panel on Foa Island in northern Ha’apai. With Tonga 5000 km to the southwest of Hawaii, this site was provocative relative to interactions and voyaging capabilities in late prehistoric Polynesia.

A similar site was reported in the 1920s on the island of Telekivava’u in southern Ha’apai. We were unable to relocate it, but survey of Telekivava’u and four other nearby islands provides first insight into the prehistory of this extremely remote part of Tonga.

Research efforts in 2010 were in part centred on South Pacific field school excavations at the Sigatoka Sand Dunes in Fiji. Focus here was upon the excavation of 1400 to 1500 year old superimposed occupation floors that, previously, had been investigated in 2000, 2002 and 2008. Major architectural features were exposed, including a central support post for a residence.

Excavation was also conducted at an early Lapita colonizing site on Vorovoro Island off the north central coast of Vanua Levu. Discovered in the 2009 survey, the 2010 project was intended to document basic site data as well as recover representative Lapita and other ceramic assemblages. Radiocarbon dates place the age of this site at ca 3000 years ago, making it the second earliest settlement locale recorded in Fiji thus far.
**ROY CARLSON**

My research over the last two years has concentrated on analysis of the artifacts and description of the excavations that I directed in the Republic of the Sudan as part of the Aswan Reservoir project in 1965-66. Two Paleolithic sites, Khor Abu Anga and Magendohli, and four younger ceramic period sites were excavated. Analysis of the Paleolithic material and completion of a monograph is expected to take another two years.

I have also been working with Ripan Mahli of the University of Illinois on analysis of the DNA from the skeletal remains from Namu from excavations I directed in 1977 and 1978. These remains are slated for reburial in the Spring of 2011 and the Heiltsuk agreed that DNA work be done before this occurs.

**MARK COLLARD**

In 2009-2010 I published papers on a number of different topics, including the transition to farming in Europe (Weninger et al., 2009; Collard et al., 2010a), the early prehistory of North America (Buchanan et al., 2009, 2010; Collard et al., 2010b), the processes involved in the evolution of cultural diversity (Tehrani and Collard, 2009a, 2009b; Tehrani et al., 2010), the existence or otherwise of culture in chimpanzees (Lycett et al., 2009, 2010) and the reconstruction of evolutionary relationships from cranial remains (Collard and Lycett, 2009; Elliott and Collard, 2009).

I also gave an invited lecture at a conference on molecular anthropology in Rome, Italy, and presented seminars at McMaster University’s Origins Institute, SFU’s IRMACS Centre, the Department of Anthropology, University of Toronto, and the Department of Anthropology, University of Washington.

In addition, I gave oral or poster presentations at the Second Conference on Early Economic Developments, and the annual meetings of the American Association of Physical Anthropologists, the Canadian Association for Physical Anthropology, and the Society for American Archaeology.

Lastly, in 2009-2010 I was heavily involved in the organization of academic events. In 2009, I was a member of the five-person organizing committee of the Vancouver Evolution Festival, which was held to celebrate the 150th anniversary of the publication of Darwin’s On the Origin of Species. I was also chair of the organizing committee of the 2009 annual meeting of the Canadian Association for Physical Anthropology meeting, which was held at SFU’s Harbour Centre campus in October 2009.

In 2010, I co-chaired two Canadian Institute for Advanced Research workshops on human-environment interaction in the long term.

The samples have been taken, and obtaining samples from contemporary Heiltsuk for comparison is now under discussion with the Heiltsuk Tribal Council. I am also working with Mike Richards and Brian Chisholm of UBC on analysis of isotopic samples, which is also under discussion with the Heiltsuk Tribal Council.

I also presented the following paper at the Valcamonica Symposium in Italy - *Ideological Content of Prehistoric Northwest Coast Art* - that has now been published.
Field research in 2009-10 was undertaken in northern Ethiopia by the Eastern Tigrai Archaeological Project (ETAP). We are an international team with participants from Canada (SFU, University of Toronto), Ethiopia (Addis Ababa University, Mekelle University), USA (Washington University St. Louis, University of Florida), and Italy (University of Naples). Current SFU ETAP team members include Shannon Wood, Pam Wadge, Stefanie Jones, and Barbara Winter. We are examining the dynamics of early state formation in northern Ethiopia, concentrating on the pre-Aksumite period (ca. 800-400 BC). Our objectives are to: examine the role of indigenous and exogenous cultural elements in the development of pre-Aksumite polity or polities of the early-mid first millennium BC; document pre-Aksumite internal political and economic organisation; and study ancient trade/exchange patterns through the analysis of ceramic and obsidian artefacts.

In order to accomplish this set of goals, we are completing regional surveys as well as excavation of two archaeological sites in Eastern Tigrai: the rural village of Mezber, and Sobea, which is a large town site with the remains of elite groups visible in the form of large-scale architecture. Excavation of these sites will provide data from a cross-section of pre-Aksumite society. It will enable us to test the idea that only elite groups were affected by imported South Arabian cultural elements, and determine the contribution of indigenous African elements to pre-Aksumite cultural development. Excavations will provide a framework for interpreting cultural and economic changes through time through the study of ceramics, stone tools, and preserved plant and animal remains. We are examining issues of trading relationships and routes, as well as cultural influences emanating from South Arabia through the study of obsidian, ceramics, and other artefacts. In 2010, ETAP embarked on a new direction, with the completion of a study to assess the potential to develop archaeological sites in our study area for tourism. The work will involve the development of museum exhibits and treks/tours which will be completed in partnership with local village authorities, three levels of governmental agencies, various NGOs, and university partners. We hope that these initiatives will contribute to the development of a fledgling tourism industry in Eastern Tigrai.
I am currently in my third year as Vice-President, Academic of Simon Fraser University, and the demands of this position leave me relatively little time for teaching, although I have given some guest lectures in undergraduate and graduate classes.

My current SSHRC grant ("Sustainability of Hunting" $115,000) reflects a growing trend to integrate conservation biology and zooarchaeological research. I am collaborating with Dr. Karen Schollmeyer (Arizona State University) on research that covers two general areas: (a) investigating whether archaeological records of human impact on animal populations can help conservation biologists understand long-term human/environment relationships; (b) applying models from conservation biology to investigate human/environment relationships in the American Southwest.

We have completed a study of the prehistory of small mammals as a dietary resource, presented a summary at the Society for Ethnobiology annual meeting (2010), and submitted a chapter to a book that is under review by University of Arizona Press. Much of this work forms a background for our current project. This is a very detailed analysis of archaeological animal bone assemblages dated with a high degree of accuracy from the northern Southwest, with the intention of tracking short-term changes in human/environment interactions over relatively long time periods.

This project will take most of our time for the next year. It will involve reanalysis of existing zooarchaeological data, integration of information on excavations and dating, and the development and testing of hypotheses derived from ecological theory.

A smaller concurrent project is to investigate why there is so much variation in the use of large game animals in Southwestern pre-colonial villages. We described preliminary results at the International Conference of Archaeozoology (2010), and we have been asked to present a more complete analysis at the Fryxell Symposium (Society for American Archaeology annual meeting, 2011). This work relates to the concept of "resource depression" that has featured extensively in recent archaeological literature; it also provides a case study for historical ecology, demonstrating the importance of contingency in the development of explanations of human behavior.

My recent publications reflect collaboration with former M.A. student Tyr Fothergill and former Ph.D. students Carmen Tarcan, Tiffany Rawlings and Shaw Badenhorst.

In 2009 and 2010, I completed a sabbatical year of research and resumed teaching. I succeeded in obtaining the largest SSHRC Standard Research Grant awarded at SFU in 2010 for continuing research into the origins and evolution of the large prehistoric winter village at Keatley Creek. This research is being undertaken with Suzanne Villeneuve.

I was invited to, and participated in, an international symposium on feasting in Granada, Spain, and was invited to give a series of lectures and public talks at the Universidad Autonoma de Barcelona and Washington State University.

During this period my publications included a number of important articles such as “Funeral Feasts: Why Are They So Important?” (Cambridge Archaeological Journal); “The Proof is in the Pudding: Feasting and the Origins of Domestication” (Current Anthropology); “Sex, Symmetry, and Silliness in the Bifacial World” (with S. Villeneue in: Antiquity); “Who Benefits?” (with S. Villeneue in: Annual Reviews of Anthropology); and “The Rise and Fall of Complex Large Villages on the British Columbia Plateau” (with Rolf Mathewes: Canadian Journal of Archaeology). A humorous article was also published in The Debitage.

Articles accepted for publication, include an ethnoarchaeological study on corporate groups in Vietnam (Asian Perspectives), and a book chapter on the domestication of rice. Several papers are under review including an article on feasting for Annual Reviews of Anthropology, and I am currently working on a book on feasting and a chapter on Neanderthal social organization.
My research in 2009-2010 continued our collaboration with the community of Sicalpa, Ecuador, in researching the colonial period archaeology of the Ecuadorian province of Chimborazo. Previous research had been focused on urban excavations in the 16th-18th century city of Riobamba, occupied by the Spanish, devastated by a massive earthquake in 1797, and subsequently abandoned. Analysis continues on materials from these excavations, but at the same time, we are moving toward a more landscape-centred vision of what was going on in the colonial period outside of the city core.

In summer 2009 I was able to carry out archaeological survey in the zone surrounding the city, with an interest in the formation and material remains of rural agricultural haciendas, the role of religious ritual in local relationships to landscape, and long-term changes in landscape use in the region. This field season also involved collaboration with Laurie Beckwith, of Douglas College, on archaeological survey for ancient sites in the region, and thesis work by Guy Duke on a local canal system, and Daniela Balanzategui on ceramics from Riobamba.

Over this period I have also branched out into the supervision of a variety of graduate student theses on the historical archaeology of other parts of the world, including Alana Peter’s work on prostitution in the BC Interior, Doug Ross’ work on Asian salmon-cannery workers in the Fraser River, and Jennifer Jones’ research on convict tourism in Tasmania.

Quinoa planted around a hacienda house ruin, Colta

Efrain Cargua has a look at an old hacienda aquaduct

A neighbourhood cross, Conogpugio, Colta, Ecuador
Since 2008 I have been co-directing a collaborative project with John Welch and members of Tla’amin First Nation: The Tla’amin First Nation – Simon Fraser University Archaeology and Heritage Stewardship Program. My research is focused on documenting ancient intertidal resource management practices using a combination of local knowledge and archaeological evidence.

This research is an outgrowth of my on-going interest in documenting resource management practices in the archaeological and paleoecological records. It involves several researchers from different disciplines and institutions and incorporates the theses of several of my graduate students. Our research has been supported by John Welch’s Aboriginal SSHRC grant, two small grants (Jacobs, SSHRC) and two National Geographic Research Grants on which I am the Principal Investigator. A SSRHC Research grant is pending.

This Fall, I was appointed as a lead researcher in the newly created “Hakai Network for Coastal People, Ecosystems and Management”. With significant funding from the Tula Foundation (up to $8,000,000 over 8 years), our multi-disciplinary team is working collaboratively with First Nations partners and other collaborators on projects that focus on the sustainability, resilience, and well being of the people and ecosystems of British Columbia’s Central Coast.

In my position as Hakai Professor, I am responsible for pursuing the cultural and heritage components of the larger initiative on coastal sustainability. My first project involves coordinating a multi-disciplinary team researching the cultural and ecological importance of herring on the west coast broadly, and with a focus on Heiltsuk territory, specifically. A SSHRC Partnership Grant and a SSHRC Outreach Grant to support this project are pending.

I recently returned to working in the Society Islands, where I conducted my PhD research. I joined forces with Dr. Jenny Kahn (Bishop Museum), who is a leading expert in Society Island archaeology. Jenny and I are now working on these book manuscripts together. Our first paper together is forthcoming in American Anthropologist.
Over the last two years I have been involved in a variety of projects, largely related to graduate student research activities and my own course preparations.

Notably, in 2009, Dr. Jon Driver and I were contacted by Dr. Stephen Lekson and Brenda Kaye Todd (PhD Candidate, University of Colorado), and asked to conduct analyses of faunal remains from Chimney Rock Pueblo. Chimney Rock is a one-thousand year old Ancient Pueblo site in southwestern Colorado and is a designated National Historic Monument. Under my direction the faunal analysis was conducted by SFU undergraduate student, Brigit Burbank; funding was provided through a SSHRC grant to Dr. Driver.

Also in 2009, SFU graduate student Jon Sheppard and I initiated a study of pithouse settlement patterns in the mid-Fraser River region of southern British Columbia. This research forms the basis of Jon Sheppard’s MA thesis, preliminary results of which he presented in 2010 at the annual meeting of the Society for American Archaeology (SAA 2010, St. Louis) and Northwest Anthropology Conference (NWAC 2010, Ellensburg).

Jon and I also published an article in The Midden in the fall of 2010 related to this research. Throughout 2010 I have been working on two books related to my course offerings. These include a photo reference for Arch 340: Zooarchaeology and a workbook for Arch 376: Quantitative Methods. Both of these will be available in the fall of 2011.
Since 2008, I have directed an international research initiative, “Intellectual Property Issues in Cultural Heritage (IPinCH): Theory, Practice, Policy, Ethics,” which addresses issues relating to the appropriation and commodification of rock art, artifacts, and sites, as well as data access and ownership — all of which are of increasing concern to archaeologists, Indigenous peoples, and other stakeholders.

This 7-year, $2.5 Million project brings together scholars, communities, and organizations from eight countries in this first-of-its-kind project to understand the nature of conflicts over intellectual property, to develop good practices, to theorize about the nature of the issues, and to generate recommendations for better policies.

In fifteen case studies spanning the globe, the initiative’s community-based approach engages communities in all aspects of the research process—from development of research topics and research design to conducting the research, designing outputs, and disseminating results. Case study research goals are prioritized to meet community needs and to effect direct community benefits.

In November 2009, Inuvialuit elders and youth from the Western Arctic flew to the Smithsonian Institution to view ancestral artifacts collected 150 years ago by Hudson’s Bay Company trader Roderick MacFarlane for a case study co-developed by SFU Post-doctoral Fellow Natasha Lyons. Natasha and Kate Hennessy, a former IPinCH Graduate Student Associate and current faculty member of SFU’s SIAT, are working together with partner organizations Parks Canada, the Inuvialuit Cultural Resource Centre, the Prince of Wales Northern Heritage Centre, and the Smithsonian’s Arctic Studies Center to disseminate the knowledge repatriated from the Smithsonian Institution through community meetings, a Plain Language booklet, a website, and development of school curricula in the Western Arctic.

In October 2010, an IPinCH Community-based Heritage Research Workshop on Squamish Nation Territory was seamlessly organized by Project Manager Kelly Fox. The workshop’s flexible agenda gave community members, academics, and students the opportunity to delve into the needs of communities and the researchers working with them. Participating case study teams included the Penobscot Nation of Maine, Anishinabe of Michigan, Inuvialuit, Avataq Cultural Institute of Nunavik, Blood Tribe, Stó:lo, Yukon First Nations Heritage Group, and Ainu of Japan. Coast Salish artist lessLIE, designer of the IPinCH logo Perpetuation, discussed his art, and more generally the challenges around appropriation and commodification of First Nations art.

In addition to case studies, the IPinCH research project has two more key components, Working Groups focusing on eight key topics, and our Knowledge Base, an online archive and repository of scholarly and popular articles, global case studies, research protocols and legislation, in addition to research data, reports, and resources generated during the IPinCH project. See the website for more information on IPinCH: www.sfu.ca/ipinch

I am also continuing my research on the results of survey and excavation of the early and middle Holocene-aged sites that were the focus of 12 field schools held on the Kamloops Indian Reserve, and on the role of wetlands on landscapes occupied by hunter-gatherer societies worldwide, supervising students studying these areas.

Since 2005, I have been the co-editor of the World Archaeological Congress Handbooks in Archaeology series, which is designed to publish comprehensive reviews of key topics in archaeology.

I also hold adjunct faculty positions in the Archaeology Department at Flinders University in Australia, and the Department of Anthropology at the University of Massachusetts-Amherst.

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I also hold adjunct faculty positions in the Archaeology Department at Flinders University in Australia, and the Department of Anthropology at the University of Massachusetts-Amherst.
Since beginning my appointment at Simon Fraser University in the Spring of 2009 in Archaeology and First Nations Studies, I have started to implement my Indigenous Perspective of Landscape into my ongoing research along the Northwest Coast and within the classroom.

Publications that focus on this topic include a chapter in Being and Becoming Indigenous Archaeologists (edited by George Nicholas) and a co-authored paper in the journal Heritage Management: Managing Heritage Within Indigenous Communities.

Current and future research will draw upon intangible aspects of cultural knowledge and tangible archaeological data. I am constructing a number of projects that will link lithic technology, rock art and XRF geochemistry with Indigenous oral history and place names. These research endeavors will be explored with the purchase of a portable XRF instrument that I played a key role in obtaining for the Archaeology Department and in the future, the establishment of a functional geoarchaeology lab.

Other endeavors related to Archaeology here at SFU that I have played a role in include the first public repatriation of cultural materials from a private individual to the Stó:lo First Nation and becoming the President of the Archaeological Society of British Columbia. In this role, I am establishing links between academics, consultants, museums, First Nations communities and the public.

An example of this took place recently when current and former SFU students played a prominent role in the cataloging, photography, analysis and curation of Squamish Nation and other Coast Salish First Nations cultural materials at the Sunshine Coast Museum and Archives.

In 2009 I took a continuing education course in forensic histology at the Armed Forces Institute of Pathology in Washington, D.C. I supervised the research of UBC graduate student Lisa Dojack entitled: Invertebrate Fauna of a Death Site. Another of my graduate students, Amy Mundorff, completed her PhD entitled: Human Identification in the World Trade Center Disaster: Assessing Identification Processes of Highly Fragmented and Commingled Human Remains. Amy is now in a tenure track position at the University of Tennessee at Knoxville.

I also organized a symposium at the Canadian Association for Physical Anthropology meeting, entitled: Forensic Anthropology Symposium: Standards and Service. My activities in 2010 included the development and teaching of a new lab course, Introduction to Paleopathology. In addition, I supervised Derek Congram, who completed his PhD entitled: Predictive Modeling of Mass Burial Location of Victims from the Spanish Civil War. Derek is now employed as a forensic archaeologist with Central Identification Lab Hawaii for the US Army.
Over the last two years I have been involved in a variety of projects, largely related to graduate student research activities and my own course preparations.

Research questions centre on, What good can archaeology do? How shall archaeological sites, perspectives and data be employed in land and place histories, in revitalizing customary stewardship, and in intercultural reconciliation? Another focal question—What conditions promote Indigenous control over heritage and destiny?—reflects my persistent interests in ethical and policy issues and in government-to-government relations.

Working on the basis of community advice and consent, I have in 2009 and 2010 led teaching, stewardship, museum and economic development initiatives, including:

- Launched a three-year field school, funded by the National Science Foundation Research Experience for Undergraduates program, dedicated to the community-based production of an Ndee (Western Apache) cultural and historical atlas.
- Worked with Prof. Lepofsky and others to expand the Tla’amin–SFU field school in archaeology and heritage stewardship through consultations, site tours, workshops and other community events that have engaged over 600 children and adults.
- Worked with Tanja Hoffmann, doctoral candidate in the SFU School of Resource and Environmental Management, to develop with Katzie First Nation an Indigenous social and environmental impact assessment model based on Katzie experience with bridge construction in their Fraser Valley homeland.
- Developed in conjunction with the Stó:ló Research and Resource Management Centre a project to integrate and “virtually repatriate” the diverse artifacts, documentary records, and knowledge linked to the Scowlitz site near the mouth of the Harrison River.
- Unveiled the first database of unauthorized heritage site alterations and invited archaeologists across BC to submit cases and assist in planning to use these data to curb undocumented site losses.

The overarching goal of these efforts is to harmonize local community, academic and public policy interests in the respectful use and protection of landscapes, cultural items and intangible associations that provide people with orientation, identity and vitality, as well as food and shelter.
The main research interests of the Yang lab can be split into two core areas: ancient DNA-based archaeology and ancient DNA-based forensics. These two subfields share the same methodology, which is to use dedicated laboratories to recover and analyze trace amounts of DNA from archaeological human, animal and plant remains and degraded forensic materials. Both subfields are also highly dependent upon an interdisciplinary approach to interpret DNA results to exclude potential impacts of contamination and to enhance the analytical power of DNA evidence.

Completed and on-going major ancient DNA-based archaeology projects include: 1) ancient DNA investigation of the origin and history of domesticated animals such as water buffalo, cattle, sheep and horse in ancient China (in collaboration with Drs. Liu, Chen, Yuan, Zhao, Zhou and others); 2) ancient DNA research of prehistoric salmon fishery and whale hunting on the NW Coast (in collaboration with Drs. Cannon, Butler, and McMillan); 3) ancient DNA study of turkey domestication in SW US (Speller’s Ph.D. thesis project, in collaboration with Drs. Kemp and Driver); 4) ancient DNA analysis of herring genetic diversity (in collaboration with Drs. Lepofsky, Speller, Lorenz, Cannon, Moss and others); and 5) ancient DNA analysis of Baikal faunal remains (in collaboration with Drs. Losey and Weber).

In 2009-2010, two graduate students successfully defended their theses and completed their degree studies: Camilla Speller was awarded the Governor General’s Gold Medal for her Ph.D. research and Krista McGrath was awarded an MA. Dr. Speller subsequently worked as a postdoctoral fellow in the lab (Nov 2009-May 2010) and has continued on as a research associate. Two on-going Ph.D. students, Ursula Arndt and Grace Zhang, started to concentrate on their data analysis and thesis-writing, while three new graduate students, Jason Moore (2009), Antonia Rodrigues (2010) and Melissa Roth (2010) joined the lab. During this time, five undergraduate students conducted DNA-based honours thesis research under my supervision through the SFU’s archaeology (C. Armstrong), biological sciences (A. Rodrigues and M. Tinney), molecular biology and biochemistry (J. Mead) programs, as well as SFU’s university exchange program (K. Stagg of Uppsala University).

In 2009-2010, the Yang lab also hosted two visiting scholars from China: Dr. Q. Zhang as a visiting faculty member from Jilin University and D. Wang as a visiting graduate student from Shandong University.
In the summer of 2009, I completed the initial phase of my historic archaeology project with the Piikani First Nation. Currently the graduate students who worked with me are preparing their theses for defence.

In 2009 I was elected president of the Canadian Archeological Association, and I began in my official role in April 2010 at the annual meeting in Calgary, Alberta.

In September 2010, after completing my first sabbatical, I returned to teaching and took on the role of Director for the First Nations Studies Program.

During my study leave I became active with the Truth and Reconciliation Commission on Residential Schools in Canada, which is currently holding public hearings. My archaeological background proved to be a good match for the Missing Children Project as much of the research on this topic involves archival data and cemeteries.

Excavating at the Royal Jubilee School site, Piikani First Nation. From left: Eldon Yellowhorn, Kristina Hannis, and Simon Solomon.
In 2009 I began my work with the British Columbia Coroners Service as a forensic anthropologist consultant working from the Centre of Forensic Research located at Simon Fraser University. As such I had the responsibility to apply my skills in forensics and osteology on the analysis of skeletonized human remains. Many are the proveniences of these remains, but the most common reason why they require a forensic anthropologist is to assist in their identification and to support the forensic pathologist in finding cause and manner of death if possible. As a forensic anthropologist consultant for the British Columbia Coroners Service I have to develop biological profiles were I assess, among other things: age, sex, bio affinity, stature, pre-existing pathological conditions, trauma and its timing in the individual’s life. Another area of my work as a forensic anthropology consultant is to assess the skeletal remains as relevant to forensic interest or as part of the archaeological repertoire. The identification of human remains vs. other vertebrate species is also an important part of my every day work.

My training as an archaeologist has allowed me to help the police in surface collection and/or exhumation of skeletal remains from clandestine and some times legal interments. The careful and scientific collection of evidence is vital for a successful forensic case. Here is where my skills as a physical anthropologist and an archaeologist are applied in a very successful symbiosis of sciences.

In 2010 I taught my first course as a sessional instructor at SFU. The course I taught was Forensic Anthropology. I was able to teach (and present) my students with many of the cases I have been involved here in Canada and internationally. For many years I worked as a senior forensic anthropologist and archaeologist in Bosnia and Kosovo. My work involved the exhumation, analysis; identification of the unidentified remains exhumed from mass graves and interviewing the families in the final step of the identification process where all the ante mortem information was compared to the post mortem data with the help of the family members.

I have also been a sessional instructor at Kwantlen Polytechnic University where I taught a special topic course on Mass Graves through history. In this course I was able to analyze mass graves pertaining to different time periods in history and interpret the evidence in order to understand the meaning of the skeletal remains found in these mass graves. As part of the course we studied the skills and methods required for the analysis of skeletal remains and the interpretation of the evidence found associated with those remains.
In 2009 I finished my postdoctoral fellowship with SSHRC under the supervision of Mark Collard and in 2010 I began a postdoctoral fellowship under the combined supervision of Mark Collard and Michael J. O’Brien (University of Missouri). During this time we continued our efforts to address key questions regarding Paleoindian origins and adaptations in North America.

In several studies we employed radiocarbon dates to refute the predictions of the recently proposed extraterrestrial impact hypothesis. The ET impact is claimed to have caused a continent-wide environmental collapse, which in turn resulted in the extinction of the megafauna, and severe population decline among the Paleoindians. In 2010 I received the George C. Frison Institute Paleoindian Grant to travel to the University of Wyoming and document Folsom lithic assemblages from the Northern Plains. This research was used to further test the ET impact hypothesis and will also be used to investigate Folsom cultural transmission of projectile point manufacturing.

In addition to this work, my colleague Marcus Hamilton (University of New Mexico and the Santa Fe Institute) and I published studies that examined Clovis cultural transmission and adaptation as well as modeled the Paleolithic population expansion across Eurasia and Beringia. The results of the latter study supported a late terrestrial colonization of the Americas.

In other research Mark Collard and I continued to conduct research that draws upon the dual-inheritance or gene-culture co-evolution approach to the evolutionary analysis of human behavior using the ethnohistoric record. We have pursued two primary avenues of research with regard to this approach. The first investigates the factors involved in the production of cultural diversity using the comprehensive Western Indians cultural-trait database. The second investigates the evolution of hunter-gatherer toolkits using Oswalt’s classification scheme to quantify toolkits recorded in contact era ethnographies. The goal of both of these projects is to use ethnohistoric data to better understand evolutionary processes that affect material culture in the archaeological record.

Briggs Buchanan
post-doctoral fellow

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I started as a sessional instructor at SFU after more than a decade of archaeological and cultural heritage experience in Eritrea, Italy, Andean South America and the Balkans, and experience as a United Nations consultant in cultural heritage in Kosovo. I am currently exploring cultural heritage rights in Peru, where historical and cultural factors have created status differences between Indigenous highland groups and those in the Amazon forest.

In Spring 2010 I taught a course in the department on Cultural Heritage in Latin America. This was a course that presented to a broad set of students in the humanities the issues relating to the preservation and management of artifacts, traditions and monuments pertaining to the heritage of a region, nation or peoples. While the course was mostly focused on the Latin American experience, the examples and tenets presented made reference to worldwide cases, so that the students would perceive the global reach of the strategies on managing the remains of the past.

The course was informed by my experiences in Bosnia, Kosovo, and Italy, with examples of various cultural heritage issues. This course expanded substantially on previous short courses I have presented, underlining the usefulness of the issues of heritage in academic programs such as archaeology, history, and anthropology. The Department of Archaeology at SFU shows certainly an excellent example of this trend, as the very important working forum of IPinCH leads a line of thought and research not common in academic settings. The teaching of this course, combined with the teaching of introduction to prehistory, is leading me to the conception of a textbook that combines both issues, prehistory and heritage so to provide a more current, purposeful, and dynamic learning experience for undergraduate students as they explore the past and its material remains, as they were laid in the past and as they survive today.

My post-doctoral research has focused on examining theoretical and methodological approaches to community-based research, and developing these approaches through my participation in a number of community-defined heritage research projects. These projects include the Inuvialuit Smithsonian Project, funded by IPinCH, the Museums Assistance Program, and the International Polar Year; the Scowlitz Reciprocal Research Network Project, supported by SSHRC and Stó:lo Research and Resource Management Centre, and; Katzie Development Corporation’s investigations and analysis of DhRp-52, in Pitt Meadows, BC.

Each of these projects seeks to build capacity for heritage research in respective communities, at the same time as cultivating positive, equitable, and high-functioning working relationships among partners.

The Inuvialuit and Stó:lo projects are specifically focussed on issues related to intellectual property, knowledge repatriation, and the development of useful digital tools. My primary task for the DhRp-52 analysis has been to train community members to collect, quantify, interpret and report on the palaeoethnobotanical remains from this remarkable Charles period site, which has yielded evidence of wapato cultivation. Many of these results have been presented and published in collaboration with respective project teams.

Since joining the Department of Archaeology in May 2010 as adjunct faculty, I have analysed human skeletal remains from forensic contexts, in Manitoba where most of my forensic experience has been gained, and also in Yukon. During this time my lab space has been set up for bone macro- and microphotography and for preparation of bone and tooth sectioning.

I presented a department seminar in September and a microscopy lab for ARCH 442 Forensic Anthropology which have increased student awareness of facilities available for research within the department. Tooth microstructure analysis has provided infant age for remains from a Syrian site for Dr. Peter Akkermans, Leiden University and from an Antiguan site for Dr. Tamara Varney, Lakehead University.

Final revisions of a research paper, in collaboration with Dr. Chris Meiklejohn, University of Winnipeg, have been submitted for publication in a refereed volume stemming from the conference Climate and Ancient Societies, Copenhagen 2009. A book tentatively titled People of the Treasure Mound. Ganj Dareh: Final Site Report is in the planning stage.

Encouraging student awareness of photography in analysis of human skeletal remains was in progress in Spring 2010, before my official arrival. Comparative reference photos of human infant femora were taken for an SFU undergraduate project for ARCH 452 Palaeopathology offered Spring 2010.

My introduction to human skeletal remains from British Columbia and BC archaeology has begun with analysis of remains from the Pavilion Site in central BC.
Douglas Ross
post-doctoral fellow/sessional instructor

I defended my Ph.D. in Archaeology at SFU in December 2008 and graduated in June of 2009. Since then I have been teaching courses at SFU and UBC on a sessional basis and preparing papers based on my dissertation for publication. I have articles published, in press, or under review in the *Journal of Social Archaeology*, *Historical Archaeology*, *Technical Briefs in Historical Archaeology*, *Ceramics in America*, and the *Journal of Anthropological Archaeology*, along with a chapter in a forthcoming volume on historical archaeology in the American West edited by Margaret Purser and Mark Warner.

I am currently involved as co-director in a new research project at the site of Kooskia, a World War II Japanese internment camp in northern Idaho, in collaboration with Dr. Stacey Camp at the University of Idaho. The site was occupied between 1943 and 1945 by over 200 Japanese immigrant men, who were voluntarily transferred to the site in exchange for paid work on a road construction crew. We completed our first field season in the summer of 2010 as a UI undergraduate field school, for which I served as the principal instructor.

Our goals are to explore relationships between institutional confinement and the construction and expression of Japanese masculine identities among the internees. Although our initial field season was brief, we have already relocated intact remains of one of the camp buildings, as well as the principal dump adjacent to the site’s only surviving structure — the incinerator. Artifacts recovered so far include a range of domestic items like ceramic tablewares and glass bottles, plus more unique items like denture molds and broken fragments of internee art made of pebbles and cement.

In the fall of 2010 I was awarded a one-year Wenner-Gren Hunt Postdoctoral Fellowship to transform my Ph.D. dissertation into a book, which I will complete as a postdoctoral fellow in Archaeology at SFU between January and December 2011. The focus of this book will be an exploration and comparison of patterns of cultural transformation and everyday consumer practices of Chinese and Japanese immigrants at an early twentieth century Fraser River salmon cannery, from a theoretical perspective rooted in transnationalism and diaspora. Since September 2010, I have also served as book reviews editor for the Archaeological Society of British Columbia’s quarterly publication, *The Midden*. 

Doug Ross, (centre, front) with students in the field
**DENNIS SANDGATHE**

**sessional instructor**

In 2009-2010 I supervised each offering of the online version of the Human Origins course (Arch 131) that I developed in 2008. I also regularly taught the in-class version of Human Origins.

I continued excavating at several Palaeolithic cave sites in SW France (Pech de l’Azé IV, Roc de Marsal, and La Ferrassie) in collaboration with H. Dibble (UPenn), P. Goldberg (Boston U), S. McPherron (Max Planck Institute) and A. Turq (Musée National de Préhistoire, France). I also continued work with H. Dibble at Grotte des Contrebandiers in Morocco. Over 2009 and 2010 I participated in the following conferences:

- **De Combe Grenal à Pech de l’Azé IV : l’évolution des méthodes de fouilles de François Bordes.** J. P. McPherron, first author. Presented at a Congress in Honour of François Bordes in Bordeaux, France.
- **Symposium: Results of New Excavations at the Middle Palaeolithic Site of Roc de Marsal, France.** 2010 Society for American Archaeologists meeting in St. Louis. This included 6 papers presented by my colleagues and me.

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**Camilla Speller**

**post-doctoral fellow**

My research interests focus on the use of ancient DNA techniques to study past human behaviour and its relationship to the natural environment. My postdoctoral research is currently focused on two major research areas: animal domestication and ‘Molecular Environmental Archaeology’.

Working with Dr. Dongya Yang at the Ancient DNA laboratory in the Department of Archaeology, my main postdoctoral research at SFU is investigating the origin and history of domestic sheep in China (funded through the Henry Luce Foundation/American Council of Learned Societies).

This research is part of an extensive, long-term project examining the origin and spread of major domesticated species in China, and is being conducted in collaboration with researchers from the Institute of Archaeology, Chinese Academy of Social Sciences in Beijing. I am also continuing my ancient DNA research on the origins and processes of North American turkey domestication (funded through SSHRC).

In addition to animal domestication, I am also interested in the application of ancient DNA techniques to environmental issues and human-environment interaction. As part of a larger multi-disciplinary project, I have also been working with Dana Lepofsky and Dongya Yang to examine the past biodiversity of herring stocks on the Northwest Coast of North America. My portion of the project involves the DNA analysis of archaeological herring remains along the coast to reconstruct the ancient genetic diversity of this species prior to industrial over-fishing in the last century.

Over the last years, I have also had an opportunity to work on both human and wildlife forensic cases in the DNA laboratory at SFU’s Centre for Forensic Research. I have been involved in three now-resolved ‘cold cases’ involving the personal identification of forensic human remains, as well as a number of projects involving the development of new species identification techniques for wildlife forensic applications.
In 2009 I used the remainder of my Wenner-Gren and SSHRC post-doctoral funds to hire laboratory and field research assistants. This helped finish the laboratory portion of the post-doctoral study and provided key data for forthcoming projects. MA (Archaeology) student Mairi Capper assisted with the sorting, identifying, and weighing of botanical residues collected from my 2007 ethnoarchaeological field season. These results were then presented at the International Congress of Ethnobiology (see below). MA (History) Student Dominic Pistor accompanied the Songo Mnara, Tz field school (Rice University; PIs Jeff Fleisher and Stephanie Wynne-Jones) and collected flotation samples as a pilot study for a subsequent NSF/Leverhulme grant application. My post-doctoral fellowship officially closed in February of 2010, with all paperwork completed.

In the fall of 2010 I was hired by SFU as a senior instructor with teaching duties shared between the Departments of History and Archaeology. The Department of Archaeology kindly supplied me with a work-study student, who helped sort the flotation samples from Songo Mnara. This permitted me to present the preliminary findings from Songo Mnara at the joint meeting of the Society for Africanist Archaeologists/PANAF. In addition, I presented a poster at the 12th International Congress of Ethnobiology, Tofino, BC, entitled Traditional crop processing and sustainable storage on Pemba Island, Tanzania.

Also in 2009, SFU graduate student Jon Sheppard and I initiated a study of pithouse settlement patterns in the mid-Fraser River region of southern British Columbia. This research forms the basis of Jon Sheppard’s MA thesis, the preliminary results of which he presented in 2010 at the annual meeting of the Society for American Archaeology (SAA 2010, St. Louis) and Northwest Anthropology Conference (NWAC 2010, Ellensburg).

In 2010 I presented a paper with Dominic Pistor at the 20th Biennial meeting of the Society for Africanist Archaeologists, Dakar, Senegal entitled Plant Remains from Songo Mnara. In addition, I presented a poster at the 12th International Congress of Ethnobiology, Tofino, BC, entitled Traditional crop processing and sustainable storage on Pemba Island, Tanzania.
The Archaeology Laboratories support laboratory classes, field and research projects; acquire and maintain laboratory and field equipment; act as local network administrators; maintain department laboratories; and curate the department's teaching and research collections. Currently the Laboratories are staffed by Shannon Wood, Manager; and Peter Locher, Technician. Peter was hired in 2008 when Heather Robertson, who had worked in the Laboratories in many and varied capacities since 2000, moved on to a new position at UBC.

In 2007 laboratory space in Saywell Hall was completed. The Archaeobotany, Chemistry and Zooarchaeology Laboratories were moved and set up in their new locations. New Processing, Flotation, and Geoarchaeology Laboratories were also set up and equipped, as was a 14-seat Instructional Computer Laboratory.

Teaching collections for many of the department's laboratory courses were moved to the new Collections Room adjoining the new Material Culture Teaching Laboratory. The x-ray machine, which had become stationary in EDB 8609, was re-wired for renewed portability to allow for its use in both EDB 8609 and the new Radiography Laboratory in the Centre for Forensic Research. The x-ray film dark room continues to be maintained and used on an ongoing basis.

The shifting of laboratories to Saywell Hall allowed for the creation of an Equipment Room and a new Historical Archaeology Laboratory in the Education Building. Smaller projects during this time involved setting up laboratory and office spaces for new faculty/researchers.

Security upgrades during this period include the installation of Abloy deadbolts on all doors on the 9000 level of the Education Building. The new teaching rooms in Saywell Hall are also equipped with Honeywell intrusion alarm systems.

In the last three years, the Archaeology Laboratories have supported 42 laboratory classes, five field schools and 27 field and laboratory projects led by faculty, graduate and undergraduate students and visiting researchers. Seventeen work-study students have been employed for a variety of projects involving the analysis and/or curation of research and teaching collections. The lithic source, lithic teaching, map collection, historic archaeology, palaeoethnobotany, zooarchaeology, paleoanthropology and forensic osteology collections have been ground-truthed against databases and, when necessary, reorganized.

The reposited archaeology collections stored in Strand Hall and the hallways on the 8000 level of the Department have also been re-inventoried and reorganized. Field equipment, large and small, was sorted and either discarded or properly stored in the new Equipment Room. In 2008, Arch Press became a self-sufficient unit. As a result, laboratory staff transferred inventory responsibilities and set up a new storage room for the stock.

In 2008, laboratory staff assisted in the disposition of Phil Hobler's notes and collections. In 2009, collections excavated from Barkerville were transferred back to Barkerville Historic Town. Also in 2009, the Ewen Cannery collection was organized and prepared for long-term storage. In 2010, the Mt. Edziza and Tahltan collections were re-inventoried and transferred to the Royal British Columbia Museum. The Archaeology Laboratories are also involved in three repatriations: Namu, Bliss Landing and Dionisio Point.

In 2007, the department's webpage content provider moved to SmartTemplates, to better conform to university-wide 'look and feel' standards. In 2008-2009 staff oversaw the transition from fixed ip ethernet connections to dhcp and helped facilitate the move of the university email system to SFU Connect. The new teaching areas in Saywell Hall: the Seminar Room; Material Culture Teaching Laboratory; and the Instructional Computing Laboratory, as well as the Physical Anthropology Teaching Laboratory, were all fitted with audio-visual systems now maintained by laboratory staff. Computers in the Instructional Computing Laboratory are frequently updated, have specific programs installed for different users and, in 2010, were moved from the FASS server to Active Directory. Staff have also developed and implemented a reliable backup system for office staff. Staff continue to attend the regular meetings of the university-wide Local Area Network (LAN) administrator group.

Continued on page 51
Continued from page 50

Equipment renewals include the purchase of a polarizing microscope, an oven/incubator, a muffle furnace, a photo microscopy system for the Leica microscope, a total station, a Geiger counter, a freezer and the ongoing replenishment of general field school and small laboratory equipment. In 2008, the university deemed all 15-seat vans unsafe and the 2002 GMC Savana was auctioned off. Equipment purchasing for the Tier I Chair in Cultural Resource Management, begun in 2006, was completed in 2009. Equipment is serviced on an annual or biennial basis.

A number of policies have been written or revised, including policies for the Teaching Computer Laboratory, Vehicles and Radiation Safety. The door signage system, indicating the chemical hazards present in departmental laboratories, was implemented in 2007 and chemical inventories and updated MSDS sheets for the laboratories are revised annually. A more regular use of the chemical disposal system has ensued. Other safety policies and procedures include a general laboratory safety policy, and protocols for defleshing birds and combing through fecal material. The purchase of the landing craft the Archaeonaut in 2009 necessitated a safety inspection and certification and the creation of boat-specific safety policies and operating procedures.

The Archaeology Laboratories loaned materials to the Vancouver Police Museum to aid in a presentation of forensic methods and to the BCAPA, for human/faunal workshops held by Brian Pegg and Sara Yoshida, both faculty members in the Anthropology Department at Kwantlen Polytechnic University. The Archaeology Laboratories participate in semesterly radiation training sessions by giving a brief tour of the radiography laboratory, outlining safety policy and procedures. In 2009, the laboratory staff took part in the Science Alive program. Laboratory tours are also given for university courses, ESL students and other visitors. Staff also attend safety, transport of dangerous goods and first aid courses and act as fire wardens for the southeast wing of the Education building.

Shannon Wood
Lab Manager

Peter Locher
Lab Technician

Preparing an ethafoam block to hold a zoological specimen
Museum of Archaeology and Ethnography

Our Department’s complement of outstanding research, training and outreach facilities includes the SFU Museum of Archaeology and Ethnography. The Museum plays essential outreach, research, and training roles at SFU and serves as the repository for diverse collections, with substantial concentrations of materials from Latin America, North America’s Northwest Coast, and the Pacific Rim more generally.

The Museum has attracted significant support from the Virtual Museums of Canada and Canadian Culture Online to build award-winning web-based galleries for public outreach and education. In 2009 the Museum completed and launched A Journey into Time Immemorial, a web recreation of a Stó:lo village. The project was done in collaboration with the Xaytem Interpretive Longhouse in Mission BC and was well received, with over a million hits during the first three months after the launch. The site won the prestigious Grand Prix from FIAMP/AVICOM. In 2010 the Museum was successful in two funding applications, receiving over $344,000 to create a multidisciplinary interactive website on forensic science in conjunction with the Centre for Forensic Research, and $25,000 to assist the SFU Library in creating a web site on the Komagata Maru incident. The forensics site will be launched in May 2011 at www.sfu.museum/forensics. Both projects have contributed to strong community partnerships for the museum.

The museum received donations totalling over $800,000 in 2009 and over $100,000 in 2010. 2009 central donation was Constellation of Frogs, a massive cedar carving done by Haida artist Jim Hart, now installed in the atrium at the front entrance to the museum. With construction of the atrium space completed, the museum now has a striking new entrance, with a carved cedar surround and glass etched in a design borrowed from a basket in the collection. The most important in 2010 was a donation of over 15,000 35 mm slides from Dr. Basil Cooke. The topics covered by these images are mostly to do with Hominin evolution in Africa, and cover a period from the 1940s to 2000. These images are in the process of being inventoried, catalogued and digitized for use in the classroom and on the web site.

Barbara Winter
Museum Curator
The Centre for Forensic Research (CFR) is an interdisciplinary research programme at SFU that was formed in 2007 with a mandate to create new knowledge in the forensic sciences for the purposes of solving crimes, identifying human remains, determining elapsed time since death and in investigating circumstances of death on local and global scales. The Centre serves the research and day-to-day needs of law enforcement and death investigation agencies nationally and provincially. The Centre is housed in the north wing of the Saywell Hall Building with the state-of-the-art laboratories, providing an excellent environment for research and graduate student training.

The Centre is currently composed of five core faculty members: Dr. Mark Skinner and Dr. Dongya Yang from the Department of Archaeology, Dr. Gail Anderson and Dr. Lynne Bell from the School of Criminology, and Dr. Rolf Mathewes from the Department of Biological Sciences. Andrew Barton currently serves as the operations manager of the Centre. This report focuses on activities by Drs. Skinner and Yang who specialize in methods in physical anthropology and DNA research.

The Centre has provided forensic anthropology, forensic archaeology and forensic DNA services to both BC Coroner’s Service and the RCMP. Dr. Skinner, research associate Dr. Ana Boza-Arlotti and senior graduate students have been involved with the recovery and osteological analysis of human remains relating to homicide and missing persons for over 30 cases in 2009-2010. Dr. Yang and research associate Dr. Speller were involved in individual identifications of four cold cases using ancient DNA methods.

Research programmes in forensic anthropology and forensic archaeology have been diverse and have included predictive modeling of mass burial location of victims from the Spanish Civil War; assessment of identification processes of highly fragmented and commingled human remains from the World Trade Center Disaster; anthropological and radiographic comparison of ante-mortem surgical records for identification of skeletal remains, and an analysis of the taxonomic diversity of farm animal bone from the Dominion Farm Collection. With Dr. Skinner’s retirement planned for 2011, the Department appointed Dr. Ana Maria Boza-Arlotti and Dr. Deborah Merrett as adjunct faculty members to sustain the Centre’s forensic anthropology and paleopathology studies.

Forensic DNA research in the Centre has used animals as proxies in controlled experiments to study molecular taphonomy and DNA degradation. Dr. Yang’s group is focused on DNA identification of human skeletal remains, animal and plant materials for forensic and wildlife investigations with on-going and completed DNA projects to develop optimal techniques for the recovery of DNA from avian feather barbs, dry corals, and soils.

The CFR has started to develop a wildlife forensics programme in collaboration with WWF Canada and TRAFFIC. The programme aims to incorporate morphology-based and DNA-based methods for species identification of endangered and threatened species from modified and processed animal and plant materials to stop illegal trading of protected species. The programme will draw on the expertise of Archaeology Department faculty that specialize in zooarchaeology and archaeobotany and the Department’s zooarchaeology and archaeobotany comparative collections.

The Centre has provided opportunities for graduate and undergraduate students to get involved in forensic research. Students that have been involved in physical anthropology based forensic research with Dr. Skinner include Derek Congram (Ph.D. student), Amy Mundorff (Ph.D. student), and Audrey Scott (Ph.D. student). Students that have been involved in DNA-based forensic research with Dr. Yang include Camilla Speller (Ph.D. student and then postdoctoral fellow), Ursula Arndt (Ph.D. student), Grace Zhang (Ph.D. student), Krista McGrath (M.A. student), Jason Moore (M.A. student), Antonia Rodrigues (B.Sc. and M.A. student), Melissa Roth (M.A. student) and Jen Mead (BSc student).
**Research Grants**

**Burley, D.**
2010-2011 Ha'apai Island Petroglyph Survey, Kingdom of Tonga. Simon Fraser University/Social Sciences and Humanities Research Council of Canada Small Project Grant ($4,735).

2009 - 2012 Polynesian origins and the pre-Polynesian homeland. Social Sciences and Humanities Research Council of Canada Standard Research Grant ($110,000).

2008 - 2009 Archaeology at Sevilla Nueva; the First Spanish Capital of Jamaica. National Geographic Research and Scientific Committee ($22,180).

**Collard, M.**
2010 The Emerging Science of Culture. Interdisciplinary Initiatives Grant, Green College, University of British Columbia, Canada. To support a seminar series during the 2010-2011 academic year. ($10,000)

**D’Andrea, A.C.**

2010 Archaeological Research in Northern Ethiopia. VP Research Social Sciences and Humanities Research Council of Canada 4A Grant ($9992).


**Hayden, B.**
2010 Continuing research into the origins and evolution of the large prehistoric winter village at Keatley Creek. Principal Investigator with Suzanne Villeneuve. Simon Fraser University/Social Sciences and Humanities Research Council of Canada Standard Research Grant ($199,892).

**Jamieson, R.W.**
2009 Colonial Landscapes of Sicalpa, Ecuador. Principal Investigator: Simon Fraser University/Social Sciences and Humanities Research Council of Canada Institutional Small Grant ($6066).

**Lepofsky, D.**
2010-2018 Creation of Hakai Research Network. Tula Foundation Major Funding ($8,000,000) for the Network as a whole.


**Speller, C.**
2010 Ancient DNA-based investigation of the origins and history of domesticated sheep in China. Henry Luce Foundation/American Council of Learned Societies Postdoctoral Fellowship in East and Southeast Asian Archaeology and Early History ($36,000).


**Winter, B.**
2009-2011 Investigating Forensics, Web site research, design and development Virtual Museums of Canada. ($344,000)

**Yang, D.**
2009-2010 Reconstructing Past Abundance, Diversity, and use of Herring in the Pacific Northwest: A Multi-disciplinary Approach to Cultural and Biological Conservation. Principal Investigator with Dana Lepofsky. National Geographic Research Grant (USD $17,000)


Roy Carlson has continued as Managing Editor with Brian Hayden, Alan McMillan, and George Nicholas as members of the Editorial Board. No additional volumes were published in 2009-2010. Titles and chapter outlines for two new volumes, Archaeology of the Fraser Valley and Quarry Sites in the Pacific Northwest, have been submitted and given preliminary approval subject to peer review and receipt of complete manuscripts. Two additional monographs have been suggested by SFU graduate students. The Fladmark Field Manual has been under revision for several years, but the new draft is not yet complete.

Sales have been such that it has been necessary to hire a part-time person for one day (7 hours) a week. April Ruttle currently occupies this position. All other work is done by volunteers. Maureen Carlson handled sales at the Northwest Anthropological Conference in Newport, Oregon in 2009 and at the BC Archaeology Forum at UBC in 2010.

Some 489 volumes were sold in 2009-10. Full price to individuals and 20% discount for book stores are charged for sales over the net or ordered by mail or phone. Authors receive a 40% discount. All volumes are discounted when sold at professional meetings where discounts vary but are generally about 20%. Older volumes are discounted even more.

George Nicholas is the series co-editor of the World Archaeological Congress Handbooks in Archaeology series, which is publishing major comprehensive reviews of key topics in archaeology. The Handbook of Forensic Archaeology and Anthropology was published in 2009, and the Handbook of Postcolonial Archaeology in 2010.
Badenhorst, S. and J.C. Driver  

Buchanan, B. and M.J. Hamilton  

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2010 Review of The Early Prehistory of Fiji, G. Clark and A. Anderson (eds.), *Archaeology in Oceania* 45: 111.


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Collard, M., B. Buchanan, M. Hamilton, and M.J. O’Brien  


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Connaughton, S., K. Taché, and D.V. Burley


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Driver, J. C., C. Tarcan, and B. Fothergill

Elliott, M. and M. Collard

Ewing, R., T. J. Ferguson, and J. R. Welch
2009 Repatriation and Reburial Bibliography, http://tinyurl.com/cput3r; RefShare. Simon Fraser University, Burnaby, BC.

Egan, S. and D.V. Burley


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Harrower, M. J., J. McCorriston, and A. C. D’Andrea
2010 General/Specific, Local/Global: Comparing the Beginnings of Agriculture in the Horn of Africa (Ethiopia/Eritrea) and Southwest Arabia (Yemen). *American Antiquity* 75(3): 452-472.

Hayden, B.


Hayden, B. and R. Mathewes

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Jamieson, R. W. and M. B. Sayre

Klassen, M. A., R. Budhwa, and R. Reimer/Yumks

Koutouki, K. and N. Lyons


Rawlings, T.A. and J.C. Driver

Ruttle, A. F.

Scott, A., D. Congram, S. Fonseca, D. Sweet, and M. Skinner

Sheppard, J. and R. J. Muir

Skinner, M. F., D. Alempijevic and A. Stanojevic


Speller, C., B. Kemp, S. Wyatt, C. Monroe, W. Lipe, U. Arndt, and D. Yang

Tehrani, J.J. and M. Collard


Walshaw, S. C.

Weiser, A. and D. Lepofsky

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