Biennial Report
2005/2006

Department of Archaeology
Simon Fraser University
Biennial Report
2005/2006

Edited by David Burley
Designed by Cheryl Takahashi

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Department of Archaeology
Simon Fraser University
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Chair’s Report

The Department of Archaeology over the past two years has many successes to praise. Sadly these are medi- ated by the July 19, 2006 death of Eminent Professor Philip Hobler. Phil was a founding member of the department in 1971, and it was from Phil that I took over as Department Chair in 1999. He was a friend and appreciated colleague to all within the department, and a true mentor to many generations of our students. Phil’s Memorial Service on September 30th of this year at SFU was a testament to this fact with over 150 former students and colleagues in attendance from across British Columbia and beyond. A brief tribute to Phil and his life follows this report.

Since the last Biennial Review there have been a number of faculty and staff changes to report. Most notable among these are the addition of John Welch, a Canada Research Chair in First Nations Cultural and Environmental Resource Management, and Mark Collard, the department nominee for a Canada Research Chair in Human Evolutionary Studies. John, who started his tenure in September of 2005, is a joint appointment with the School for Resource and Environmental Management. Beyond research with First Nations communities, he is helping the department develop undergraduate and graduate programming in archaeological resource management. Mark joins the Department in July of 2007. His specializations are in phylogenetics, hominin morphometrics, and evolutionary method and theory. He additionally has interests in the theoretical application of evolutionary approaches to the archaeological record, especially among hunter gath-er societies. Also notable on the faculty side has been the relocation of Professor George Nicholas from his position in the Kamloops program to the Burnaby campus. George’s former split appointment between Archaeology and Sociology/Anthropology has been converted to a full time appointment within Archaeology. Temporarily replacing George in Kamloops is Nadine Gray, an archaeologist with expertise in ancient Mayan archaeology and ceramics. Leaving Archaeology for an appointment in the School for Criminology is Dr. Lynne Bell.

Staff changes have been no less significant. Ann Sullivan, the Department Program Manager since 1992 retired in 2005. Gwen Wild filled the position but in 2006 moved on to the Department of Economics. I am pleased to say that we again have successfully filled the position with Chris Papaianni, the former Program Manager for First Nations Studies and the Kamloops Program. We are grateful to Ann and Gwen for their respective contributions to Archaeology and look forward to having Chris at the helm in the coming years. In 2005 our Laboratory Manager Andrew Barton was seconded until 2007 to the Dean’s Office as Building Technical Manager for the construction of the Arts and Social Sciences Complex 1 Building as well as the Faculty of Health Sciences Building. Shannon Wood subsequently became the Laboratory Manager while Heather Robertson is now employed as the Laboratory Technician. Finally, Robyn Bannerjee, Secretary to the Chair and Department Graduate Program, also announced her retirement effective January 2007. We thank Robyn for her warm heart and contributions to the Department since her appointment in 1997, and wish her well in future endeavours.

In 2005 the University conducted an external review of the department, an exercise that is undertaken every seven years. While the review provided recommendations to enhance program delivery, I am pleased to say the overall assessment was highly
positive. Indeed, to quote from the review report, the Department has developed an “international reputation as one of the top archaeological research and teaching programs in the world” and that “some of the faculty are recognized internationally as leaders in their fields of study”. Faculty successes are apparent in the following research summaries, lists of publications and grants. Of special note is Professor Erle Nelson’s 2006 admission as a Fellow of the Royal Society of Canada for his critical contributions to the development of AMS radiocarbon dating. The Department’s reputation, of course, also hinges on the successes of our students, both graduate and undergraduate. Over the past two years we have turned out an unprecedented number of graduate degrees including 12 MAs and 10 PhDs. Our graduate students have been highly successful in securing national and international funding to support their academic programs and research. Relative to the graduate program, I am pleased to announce that a significant contribution by emeritus Professor Roy Carlson has led to the creation of a Roy L. Carlson Graduate Scholarship in Prehistoric British Columbia Archaeology. The current value of this scholarship is $5,000 and we expect it to be first awarded in 2007. Our undergraduate students continue to be admitted to graduate schools or find employment throughout North America and Europe, and they have gained an excellent reputation for their training in archaeology and archaeological sciences.

As was reported in the last Biennial Review, one of the most exciting developments for the Department’s future was a university commitment to build new archaeology laboratories, teaching spaces and offices in the Arts and Social Sciences 1 Building. This commitment has been realized and we will move into the facilities in April of 2007. With new geoarchaeology, zooarchaeology, bone chemistry, paleoethnobotany, material culture research, instructional computing, radiography, microscopy, imaging, forensic DNA and osteology/autopsy laboratories, as well as our existing facilities, we are well equipped to build upon our reputation for teaching and research in the years to come.

My term as Department Chair ends in September of 2008 and this will be my last Chair’s Report in a Biennial Review. I congratulate faculty, staff and students for their successes since the beginning of my term in 1999, and I thank them wholeheartedly for the numerous contributions they have made to the Department and University over those years. The Department of Archaeology has grown significantly since its beginnings in 1971. I am pleased to be part of this exceptional program and in some small way to have helped the development process.

David Burley
Department Chair
From his appointment at Simon Fraser University in 1967 to his death on July 19, 2006, Phil Hobler was an outstanding teacher, colleague and friend. To 27 cohorts of field school students, and the many, many others he befriended in class or in the hallway, he was the man who taught them field techniques, gave them instruction in the finer points of photographic work, or told them stories and made them laugh. Phil was truly a student’s Professor, and the Archaeology Department was the richer for it. We are saddened by his passing but will never forget his love for life, archaeology, friends, and family.

We need not write a detailed historical biography of Phil, his motivations, or his accomplishments. Having learned of his cancer (“heavy duty medical problems” were his words) in 2004, he immediately set about doing that himself—there were just too many stories left to tell and he wanted to get them right. His volume Incidents Along the Way published in 2005 describes the man that truly is Phil—informative, engaging, adventurous, light-hearted, and always amusing. Phil spent 48 years as an archaeologist working in the Southwest, Egypt, Fiji, and the Northwest Coast; 36 years of those he also spent as a university professor. The events and stories from those years are countless and most have entered the annals of department legend. As related on the promotional flyer for his book, “I lived in fear” said a student course evaluation, “of ending up in one of Hobler’s stories”. There are few who have wandered the halls of the Archaeology Department at Simon Fraser University who have not.

Phil Hobler was not always Phil Hobler. He was born on March 20th 1936 under the name Patrick Michael Ryan. Adopted by the Hoblers (Philip and Cecilia) at the age of eight months, Phil claimed to remember snippets of the drive home from Syracuse. And the snippet he most remembers about his adoptive parents was that he was “going to have to keep them amused”. No doubt he did. Phil attended high school in Johnsonville New York, went on to the University of New Mexico for a BA in 1958 and completed graduate training at the University of Arizona in 1964. Along the way he met a pack of lifelong friends including Roy and Maureen Carlson, James and Adrienne Hester, Curt and Polly Schaafsma and his first wife Audrey whom he married in 1958. In 1967 and 1968 Alan and Jenny respectively came along and as Phil Hobler protégé, whether they liked it or not, they were in the field almost every year thereafter.

Philip Matthew Hobler
1936 - 2006
In 1965 Phil began his teaching career in the Anthropology Department at the University of Montana and it was from there in 1967 that Roy Carlson convinced him to come to Simon Fraser to help build an Archaeology program; in 1971 that goal was accomplished with the founding of an independent department. Over the years Phil served in many departmental capacities from Captain of the research vessel Sisiutl, to Chair from 1996 to 1999, to Professor Emeritus after his retirement in 2001. As life would have it, Phil became single again in 1990, a circumstance that quickly led him to “That Dahm Woman” as he writes. Building their ultimate retirement home at Salloot in the Bella Coola Valley, Phil and Inge not only became neighbours to the Nuxalk and European communities but were integral members of both. And in this Phil once again was not Phil Hobler but P’quanna and Holis, traditional names bestowed upon him by the Nuxalk. Phil’s passing leaves a hole not only within the Archaeology community but an equal-sized one in the Bella Coola Valley.

Obituaries are never easy to write and they are even more difficult to end. In this it seems fitting, no necessary, to let Phil have the final word.

What can I say, standing at one end of a long road and looking back? Every era in history is unique and each human life within those eras is also unique. I suppose if it is true for snowflakes why not for people? Still I look back upon the twists and turns of fate, the millions of tiny points, some chosen but most by chance, that defined my path as opposed to someone else’s. I feel a sense of gratitude for where I personally have been, for the people I have known and what I have been able to accomplish.


In Memory... • 7

Phil at the helm of the Sisiutl.
DEPARTMENT ORGANIZATION

FACULTY AND STAFF

Chair & Director First Nations Studies: Burley, Dr. D.V.
Graduate Programme Chair: D’Andrea, Dr. A.C.
Undergraduate Programme Chair: Nicholas, Dr. G.P.

FACULTY

Burley, Dr. D.V. (Professor)
D’Andrea, Dr. A.C. (Associate Professor)
Driver, Dr. J.C. (Professor, Dean of Graduate Studies)
Fladmark, Dr. K.R. (Professor)
Galdikas, Dr. B.M.F. (Professor)
Hayden, Dr. B.D. (Professor)
Jameson, Dr. R.W. (Associate Professor)
Lepofsky, Dr. D. (Associate Professor)
Nelson, Dr. D.E. (Professor)
Nicholas, Dr. G.P. (Professor)
Skinner, Dr. M.F. (Professor)
Welch, Dr. J.R. (Associate Professor; CRC)
Yang, Dr. D. (Assistant Professor)
Yellowhorn, Dr. E.C. (Assistant Professor)

PROFESSORS EMERITI

Carlson, Dr. R.L.
Shutler, Dr. R. Jr.

LIMITED-TERM LECTURER

Gray, N. (Kamloops)
Muir, Dr. R.J.

ADJUNCT FACULTY

Delgado, Dr. J. (INA, Texas A & M)
McMillan, Dr. A.D.
Lazenby, Dr. R. (UNBC)
Wilson, Dr. M.C. (Douglas College)

ASSOCIATE FACULTY

Clague, Dr. J. (Earth Sciences)
Huntley, Dr. D.J. (Physics)
MacDonald, Dr. G. (Bill Reid Foundation)
Mathewes, Dr. R.W. (Biology)

STAFF

Banerjee, R. (Secretary, Chair/Graduate)
Barton, A. (Building Manager)
Gregson, I. (Office Assistant)
Papaianni, C. (Program Manager)
Robertson, H. (Laboratory Technician)
Winter, Dr. B. (Museum Curator)
Wood, S. (Laboratory Manager)
**GRADUATE STUDENTS**

**PHD CANDIDATES**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams, Ronald</td>
<td>The Megalithic Tradition of West Sumba, Indonesia: An Ethnoarchaeological Investigation of Megalith Construction</td>
</tr>
<tr>
<td>Apaak, Clement</td>
<td>The Socio-economic Role of Salt in Northern Highland Ethiopia.</td>
</tr>
<tr>
<td>Arndt, Ursula</td>
<td>Molecular Archaeology and Conservation.</td>
</tr>
<tr>
<td>Arnold, Thomas</td>
<td>The Ice-Free Corridor: Biogeographic Highway of Environmental Cul-de-Sac.</td>
</tr>
<tr>
<td>Asp, Vera</td>
<td>Tahltan Village and Tanzilla. Ancestral Knowledge, Ethnohistory and Archaeology of Two Tahltan Village Sites</td>
</tr>
<tr>
<td>Badenhorst, Shaw</td>
<td>Faunal Remains from Sites in the American Southwest.</td>
</tr>
<tr>
<td>Cockle, Diane</td>
<td>The Continuum of Human Decomposition and the Factors that Affect It.</td>
</tr>
<tr>
<td>Congram, Derek</td>
<td>Forensic archaeology and anthropology, grave protection, the application of archaeology to forensic and mass disaster/fatality scenes, ethnic in forensics, Human Rights, excavation of mass graves including ‘robbed’ graves, and Spanish civil war era graves.</td>
</tr>
<tr>
<td>Comisso, Rob</td>
<td>Using Modern Plant Delta $^{15}N$ Values to Investigate Norse Settlements in Greenland.</td>
</tr>
<tr>
<td>Connaughton, Sean</td>
<td>The Cessation of Pottery Manufacture (circa 400 AD) in the Kingdom of Tonga and Its Implication for Societal Changes on the Landscape (i.e. rise of dynastic chiefdom).</td>
</tr>
<tr>
<td>Hickok, Andrew</td>
<td>Treponemal Infection on the Ancient Northwest Coast</td>
</tr>
<tr>
<td>Hillier, Maria</td>
<td>The Bioarchaeology of Neolithic Portugal.</td>
</tr>
<tr>
<td>Klassen, Michael</td>
<td>Indigenous Archaeology and Landscape: Implications for Archaeological Theory and Practice</td>
</tr>
</tbody>
</table>

PhD student Shaw Badenhorst working on southwestern US collections in the Zooarchaeological Laboratory

Ron Adams spending time with a work crew building a stone tomb in Wainyapu, West Sumba, Indonesia (2003).
Kessy, Emanuel
The Relationship Between the Later Stone Age (LSA) and Iron Age (1A) Cultures of Central Tanzania

Markey, Nola
The Dichotomy between Heritage Management and Aboriginal Rights and Title: A Critical Analysis of Provincial Policies Concerning Indigenous Heritage and Consultation.

Michaels, Gina
Colonial Masculinities: A Mercedarian Experience in Riobamba, Ecuador.

Mundorff, Amy

Rahemtulla, Farid
Design of Stone Tool Technology During the Early Period (CA. 10,000–5,000 B.P.) at Namu, Central Coast of British Columbia.

Ramsay, Jennifer
Archaeobotany of Classical Urban sites in the Near East.

Rawlings, Tiffany
Faunal Analysis and Meat Procurement: Reconstructing the Sexual Division of Labor at Shields Pueblo, Colorado

Ross, Douglas
I will be excavating and comparing assemblages of household material culture from spatially segregated populations of Japanese fishermen and Chinese cannery workers at a Fraser River salmon cannery.

Sandgathe, Dennis
An Analysis of the Levallois Reduction strategy Using a Design Theory Framework

Sawatzky, Roland
The Control of Social Space in Mennonite Housebarns of Manitoba (1874–1940)

Scott, Audrey
Forensic anthropology and bioarchaeology, specifically in regards to mass fatalities.

Sharp, Karyn
Return rates, food preservation and it’s implications for storage.

Speller, Camilla
Investigating Ancestral Pueblo Turkey Use in the Southwest United States through Ancient DNA Analysis

St. Denis, Michael
Examination of a colonial hospital in the old city of Riobamba, Ecuador, with a focus on the treatment of disease and epidemics in a socio-religious context and to determine what role patient identity may have played (in terms of class, gender, and race).

Taché, Karine

Tarcan, Carmen
Counting Sheep: Fauna, Contact and Colonialism at Zuni Pueblo, New Mexico A.D. 1300–1900

Woodward, Robyn
Medieval Legacies: The Industrial Archaeology of an Early Sixteenth Century Sugar Mill at Sevilla la Nueva, Jamaica

Zhang, Hua “Grace”
Topic to be determined.
MA Candidates

Aagesen, Sonja  Topic to be determined.
Dunk, Chelsea  An Archaeobotanical Investigation of Shields Pueblo’s (SMT3807) Pueblo II Period
Ewing, Robyn  I plan to analyze cases of non-mandatory repatriation involving Native Americans.
Fothergill, Brooklynne “Tyr”  Animals as Mirrors of Human Behaviour: Analysis of the Bluff Great House Faunal Material
Gardner, Vance  An Analysis and Interpretation of Shell Valuables in Tongan Prehistory.
Hall, Jonathan  The distribution of fluted projectile points in Saskatchewan and their relation to paleoenvironmental phenomena
Hammond, Joanne  My research addresses practical aspects of archaeological stewardship in British Columbia, with a specific focus on assessing the adequacy of current legislation, policy and practice for the responsible management of the province’s heritage.
Herbert, James  My research centers around the earliest indications of plant domestication in the Southeastern United States; specifically focusing on the presence and frequency of social differences in these societies.
Heuman, John  A zooarchaeological examination of Stix & Leaves Pueblo, a Pueblo II site in the Southwest.
Homan, Amy  I will be focusing my research on inland wetland site formation of the north central highlands in Washington state.
Kelly, Karen  Paleopathological analysis of a collection of infant remains of the Neolithic/Chalcolithic period from Seh Gabi, Iran.
King, Amanda  Archaeology and Local Governments: The Perspectives of First Nations and Municipal Councillors in the Fraser Valley, B.C.
King, Shannon  What’s the Point? A Typological Analysis of Pointed Bone Artifacts from Barkley Sound, B.C.
Locher, Peter  Time of Change: Late Pleistocene / Early Holocene Landscape Transformation and Human Presence in Southwest Coastal British Columbia, Canada.
McKechnie, Iain  Five Thousand Years of Fishing at a Shell Midden in the Broken Group Islands, Barkley Sound, British Columbia.

Masters student Andrea Onodi studying Turkish seeds in the Paleobotany Laboratory.
Morrissey, Greg  Lithic analysis, ancient tool technology, the atlatl and the bow, North American prehistory, Canadian arctic, British Columbia prehistory, geoarchaeology, ethnology.

Nord, Celia  An Overview of the Representation of Plateau Women In the Pre-contact Archaeological Record.

Onodi, Andrea  Paleoenthobotanical Analysis of Tell Tayinat, Located in the Amuq Valley in the Hatay Region of Turkey.

Ouellet, Richard  Tales of Empowerment: Cultural Continuity within an Evolving Identity in the Upper Athabasca Valley.

Ouellet-Pelletier, Charles  Topic to be determined.


Reid, Michael  Plasmodium sp. Infections in Ex-Captive Bornean Orangutans (Pongo Pygmaeus) Housed at the Orangutan Care Center and Quarantine, Pasir Panjang, Kalimanton Tengah, Indonesia.

Ritchie, Morgan  My project will combine GIS mapping and excavations at a prehistoric settlement and burial complex on the Harrison River.

Sandy, Mary  Topic to be determined.

Schepers, Kathleen  Orangutan Laughter: An Ethological Investigation into the Existence of Tickle-Induced Laughter in Captive Orangutans (Pongo pygmaeus) at Pasir Panjang, Central Indonesian Borneo.

Speller, Camilla  Investigating Differential Distribution of Salmon Resources at Keatley Creek Through Ancient DNA Analysis.

Springer, Chris  I will be examining how identity and social structure correlate with the house form and content of a prehistoric pithouse located in the Harrison River Valley, BC.

Trost, Teresa  Forgotten Waters: A Zooarchaeological Analysis of the Cove Cliff Site (DHR 18), Indian Arm, British Columbia

Watt, Kathy  Decontamination Techniques in Ancient DNA Analysis.

Weber, Nicholas  The Distribution and Use of Cattle Products in Northern Highland Ethiopia.

Weiser, Andrea  Exploring 10,000 Years of Human History on Ebey’s Prairie, Whidbey Island, Washington.

White, Elroy  Heiltsuk Stone Fish Traps: Products of My Ancestors’ Labour.

Witt, Jessi  Technological analysis of two discrete ceramic assemblages from the Sigatoka Sand Dunes, Fiji.
## Committees and Other Appointments

### Department Tenure Committees

<table>
<thead>
<tr>
<th>Year</th>
<th>Chair</th>
<th>Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>David Burley</td>
<td>Brian Hayden, Dana Lepofsky, Catherine D’Andrea, George Nicholas, Dongya Yang, Ross Jamieson</td>
</tr>
<tr>
<td>2006</td>
<td>David Burley</td>
<td>Eldon Yellowhorn, George Nicholas, John Welch, Dana Lepofsky, Knut Fladmark, Mark Skinner</td>
</tr>
</tbody>
</table>

### First Nations/Archaeology Committee

<table>
<thead>
<tr>
<th>Year</th>
<th>Chair</th>
<th>Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>David Burley</td>
<td>Eldon Yellowhorn</td>
</tr>
<tr>
<td>2006</td>
<td>David Burley</td>
<td>Eldon Yellowhorn</td>
</tr>
</tbody>
</table>

### Appointment Search Committee

- Chair: David Burley
- Members: Dongya Yang, Catherine D’Andrea

### Graduate Programme Committee

<table>
<thead>
<tr>
<th>Year</th>
<th>Chair</th>
<th>Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>Ross Jamieson</td>
<td>Dana Lepofsky, Dongya Yang, Amy Mundorff (grad rep.)</td>
</tr>
<tr>
<td>2006</td>
<td>Catherine D’Andrea</td>
<td>Dana Lepofsky, Eldon Yellowhorn, Sonja Aagesen (grad rep.)</td>
</tr>
</tbody>
</table>

### Undergraduate Programme Committee

<table>
<thead>
<tr>
<th>Year</th>
<th>Chair</th>
<th>Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>George Nicholas</td>
<td>Catherine D’Andrea, Eldon Yellowhorn, Gwen Wild (DM), Sonja Aagesen (undergrad. rep)</td>
</tr>
<tr>
<td>2006</td>
<td>George Nicholas</td>
<td>Eldon Yellowhorn, John Welch, Dongya Yang, Chris Papaianni (DM), Sarah Swayze (undergrad. rep)</td>
</tr>
</tbody>
</table>
UNDERGRADUATE ARCHAEOLOGY STUDENT SOCIETY

<table>
<thead>
<tr>
<th>2004/2005</th>
<th>Shannon Grant (President)</th>
<th>2005/2006</th>
<th>Sandie Dielissen (President)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Alana Peters (Vice President)</td>
<td></td>
<td>Anita Swallow (Vice President)</td>
</tr>
</tbody>
</table>

LIBRARY COMMITTEE REPRESENTATIVE

| 2005           | Ross Jamieson                           | 2006           | Dongya Yang                  |

RESEARCH LIAISON – FACULTY OF ARTS

| 2005           | David Burley                            | 2006           | David Burley                 |


SFU ARCHAEOLOGY PRESS – Editor, Roy L. Carlson

RESEARCH HANDBOOKS IN ARCHAEOLOGY
(World Archaeological Congress) – Series Co-Editor, George Nicholas

CANADIAN JOURNAL OF ARCHAEOLOGY – Editor, George Nicholas

TECHNICAL BRIEFS IN HISTORICAL ARCHAEOLOGY
(Society for Historical Archaeology) – Editor, David Burley
The Graduate Program was very pleased to admit a total of 27 new students over the 2005/06 period, including 16 MA students and 11 PhD students. These represent a wide range of highly-qualified candidates from all over the world, who maintain our department’s ability to gain both internal and external awards at the graduate level. Indeed, Amy Mundorff’s Trudeau Foundation Scholarship valued at $50,000 per annum and Michael Klassen’s and Camilla Spellers SSHRC Canada Doctoral Scholarships valued at $35,000 per annum are substantial testament to the high caliber of students studying in the department. By the end of 2006 this brings our current complement of graduate students to 47 (25 at the PhD level and 22 at the MA level). Our program maintains its diversity of research interests, with the approval in 2006 of a new set of “bioarchaeology” comprehensive examination questions, reflecting our increasing departmental interactions between archaeological, physical anthropological, and forensic foci of research.

Ross W. Jamieson
Graduate Program Committee Chair

Graduate Programme Committee Report

Graduate Degrees Awarded

2006 Doctor of Philosophy

Arnold, Thomas
The Ice-Free Corridor: Biogeographic Highway or Environmental Cul-de-Sac

Copp, Stanley

Delgado, James
Gold Rush Entrepot: The Maritime Archaeology of the Rise of the Port of San Francisco

Rawlings, Tiffany Ann
Faunal Analysis and Meat Procurement: Reconstructing the Sexual Division of Labor at Shields Pueblo, Colorado

Rahemtulla, Farid
Design of Stone Tool Technology During the Early Period (CA. 10,000–5,000 B.P.) at Namu, Central Coast of British Columbia

Woodward, Robyn
Medieval Legacies: The Industrial Archaeology of an Early Sixteenth Century Sugar Mill at Sevilla la Nueva, Jamaica

2006 Master of Arts

Dunk, Chelsea
An Archaeobotanical Investigation of Shields Pueblo’s (SMT3807) Pueblo II Period

Locher, Peter
Time of Change: Late Pleistocene / Early Holocene Landscape Transformation and Human Presence in Southwest Coastal British Columbia, Canada

Weiser, Andrea
Exploring 10,000 Years of Human History on Ebey’s Prairie, Whidbey Island, Washington

White, Elroy
Heiltsuk Stone Fish Traps: Products of My Ancestors’ Labour
2005 Doctor of Philosophy

Kessy, Emanuel  The Relationship Between the Later Stone Age (LSA) and Iron Age (IA) Cultures of Central Tanzania
Sandgathe, Dennis  An Analysis of the Levallois Reduction strategy Using a Design Theory Framework
Sawatzky, Roland  The Control of Social Space in Mennonite Housebarns of Manitoba (1874–1940)
Tarcan, Carmen  Counting Sheep: Fauna, Contact and Colonialism at Zuni Pueblo, New Mexico A.D. 1300–1900

2005 Master of Arts

McKechnie, Iain  Five Thousand Years of Fishing at a Shell Midden in the Broken Group Islands, Barkley Sound, British Columbia
Ouellet, Richard  Tales of Empowerment: Cultural Continuity within an Evolving Identity in the Upper Athabasca Valley
Pasacreta, Laura  White Tigers and Azure Dragons: Overseas Chinese Burial Practices in the Canadian and American West (1850s–1910s)
Reid, Michael  Plasmodium sp. Infections in Ex-Captive Bornean Orangutans (Pongo Pygmaeus) Housed at the Orangutan Care Center and Quarantine, Pasir Panjang, Kalimanton Tengah, Indonesia
Speller, Camilla  One Fish, Two Fish, Old Fish, New Fish: Investigating Differential Distribution of Salmon Resources in the Pacific Northwest through Ancient DNA Analysis
Trost, Teresa  Forgotten Waters: A Zooarchaeological Analysis of the Cove Cliff Site (DhRr 18), Indian Arm, British Columbia
Watt, Cathy  Decontamination Techniques in Ancient DNA Analysis
Weber, Nicholas  The Distribution and Use of Cattle Products in Northern Highland Ethiopia

PhD student Doug Ross analysing Japanese Ceramics from a Lower Fraser River cannery. Shannon Wood (left) and PhD student Jennifer Ramsay (center) conducting fieldwork at Petra, Jordan.
GRADUATE DEPARTMENTAL AND EXTERNAL AWARDS

EXTERNAL AWARDS

Trudeau Scholarship
Amy Mundorff, PhD

National Science Foundation (NSF)
Graduate Research Fellowship
Amy Mundorff, PhD

Fulbright Graduate Scholarship
Gina Michaels, PhD

SSHRC Canada Graduate Scholarship
– Doctoral Awards
Michael Klassen, PhD
Douglas Ross, PhD
Camilla Speller, PhD

Dorot Travel Award
Jennifer Ramsey, PhD

SFU ADMINISTERED AWARDS

C.D. Nelson Scholarship
Michael Klassen, PhD

Steele Scholarship
Shaw Badenhorst, PhD

Sodexho First Nations Award
Elroy White, MA

Dean of Graduate Studies Special Entrance Award
Karen Kelly, MA
Amy Mundorff, PhD
Vera Asp, PhD

J.V. Christenson Award
Amanda King, MA
Karine Taché, PhD

Presidents Research Stipend
Ron Adams, PhD
Rob Commissio, PhD
Amy Mundorff, PhD
Jennifer Ramsay, PhD
Karyn Sharp, PhD

SFU/SSHRC Travel Grant
Ron Adams, PhD
Amanda King, MA (2)
Douglas Ross, PhD
Jennifer Ramsay, PhD

SSHRC Canada Graduate Scholarship
– Masters Awards
Sonja Aageson, MA
Karen Kelly, MA

Society for American Archaeology
Arthur C. Parker Scholarship
Vera Asp, PhD

Nova Gold/Tahltan First Nation Scholarship
Vera Asp, PhD

Albright Wirth Award
Andrea Weiser, MA

Chacmool Student Paper Prize (2006)
Amanda King, MA
SFU Graduate Fellowships
Ron Adams, PhD
Rob Commissio, PhD (2)
Jon Hall, MA
Maria Hillier, PhD
Amanda King, MA
Nola Markey, PhD
Gina Michaels, PhD
Rick Ouellet, MA
Charles Ouellet-Pelletier, MA
Camilla Speller, MA (2)
Michael St. Denis, PhD (2)
Karina Taché, PhD (2)
Elroy White, MA
Jessi Witt, MA

Department Travel Award
Clement Apaak, PhD
Ursula Arndt, PhD
Vera Asp, PhD
Jon Hall, MA
Amanda King, MA (2)
Iain McKechnie, MA
Andrea Onodi, MA
Charles Ouellet-Pelletier, MA
Doug Ross, PhD
Dennis Sandgathe, PhD
Karyn Sharp, PhD
Camilla Speller, PhD
Michael St. Denis, PhD

Above: PhD student Maria Hillier teaching undergraduate student Alex Nascou the finer points of osteological identification in the Biological Anthropology Teaching Laboratory.

PhD student Rob Commissio (left) excavating a Qasi with Hans Christian Gullov (right) in Greenland.
In 2005/2006, the Undergraduate Program Committee conducted curriculum evaluation, including a comprehensive review of the undergraduate curriculum to address the recommendations of the last Departmental External Review. The Undergraduate Program Committee currently consists of four faculty members, the departmental manager, and both graduate and undergraduate student representatives.

Alongside the review of the current curriculum, the committee is working to develop a Joint Archaeology/Criminology Major, as well as exploring the idea of Certificate Streams. The idea behind the streams is to allow students to tailor their program to suit their interests and build qualifications for both future graduate studies and/or as professional archaeologists. Themes currently under discussion are: Anthropological Archaeology; Archaeological Science; Biological Anthropology; Cultural Resource Management; Environmental Archaeology; Forensic Archaeology; and Public Archaeology/Museums and Conservation.


George Nicholas
Undergraduate Curriculum Chair

Chris Papaianni
Manager, Academic & Administrative Services

HONOURS THERSES COMPLETED

2005–FALL

Ewing, Robyn Access in the Changing Museum Environment

2005–SPRING

Cameron, Meagan Implementing Digital Standards within the Museum Environment

Hutchison, Jarin Suffering with Style: Brothel Archaeology in North America
## Undergraduate Awards and Prizes

### Ingrid Nystrom Archaeology Award

<table>
<thead>
<tr>
<th>Year</th>
<th>Winner</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004/2005</td>
<td>Meridith Sayre</td>
</tr>
<tr>
<td>2005/2006</td>
<td>Not Awarded</td>
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</table>

### Brian Williamson Memorial Award in Archaeology

<table>
<thead>
<tr>
<th>Year</th>
<th>Winner</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004/2005</td>
<td>Not Awarded</td>
</tr>
<tr>
<td>2005/2006</td>
<td>Lisa Durrant and Kyla Jones</td>
</tr>
</tbody>
</table>

### Jack Nance Memorial Essay Prize

<table>
<thead>
<tr>
<th>Year</th>
<th>Winner</th>
<th>Title</th>
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<tbody>
<tr>
<td>2004/2005</td>
<td>Jessica Tilley</td>
<td>Slave Resistance in the American South: Insights from Archaeological Evidence Relating to Diet</td>
</tr>
<tr>
<td>2005/2006</td>
<td>Rena Hood</td>
<td>Evidence in Trade in Prehistoric Stó:lō – Coast Salish Territory</td>
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### Chair’s Essay Prize

<table>
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<tbody>
<tr>
<td>2004/2005</td>
<td>Heather Fawcett</td>
<td>Forgotten Narratives</td>
</tr>
<tr>
<td>2005/2006</td>
<td>Cinnebarre Bertelsen</td>
<td>Ancestral Determination in the Human Skeleton</td>
</tr>
</tbody>
</table>

Above: Undergraduate student Alana Peters studying early 16th century Spanish pottery from Jamaica. Right: Undergraduate Student Rebecca Gilmour working in the Forensic Laboratory.

Above: Undergraduate student Laura Eastham studying homine teeth for her honors thesis.
## Undergraduate Courses Offered

### 2006–Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>100-3</td>
<td>Ancient Peoples and Places (Day course)</td>
<td>Robert Muir</td>
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<tr>
<td>100-3</td>
<td>Ancient Peoples and Places (Evening course)</td>
<td>Clement Apaak</td>
</tr>
<tr>
<td>131-3</td>
<td>Human Origins</td>
<td>Biruté Galdikas</td>
</tr>
<tr>
<td>201-3</td>
<td>Introduction to Archaeology</td>
<td>Brian Hayden</td>
</tr>
<tr>
<td>223-3</td>
<td>The Prehistory of Canada</td>
<td>Knut Fladmark</td>
</tr>
<tr>
<td>226-3</td>
<td>The Prehistory of Religion (Correspondence)</td>
<td>Brian Hayden</td>
</tr>
<tr>
<td>272-3</td>
<td>Archaeology of the Old World</td>
<td>Catherine D'Andrea</td>
</tr>
<tr>
<td>301-3</td>
<td>Prehistoric and Indigenous Art</td>
<td>Barbara Winter</td>
</tr>
<tr>
<td>332-3</td>
<td>Special Topics: Archaeology of China</td>
<td>Dongya Yang</td>
</tr>
<tr>
<td>333-3</td>
<td>Special Topics: Funerary Archaeology</td>
<td>Lynne Bell</td>
</tr>
<tr>
<td>334-3</td>
<td>Special Topics: Great Ape Societies</td>
<td>Biruté Galdikas</td>
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<tr>
<td>340-5</td>
<td>Zooarchaeology</td>
<td>Robert Muir</td>
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<tr>
<td>344-3</td>
<td>Primate Behaviour</td>
<td>Biruté Galdikas</td>
</tr>
<tr>
<td>372-5</td>
<td>Material Culture Analysis</td>
<td>Brian Hayden</td>
</tr>
<tr>
<td>373-5</td>
<td>Human Osteology</td>
<td>Dongya Yang</td>
</tr>
<tr>
<td>378-3</td>
<td>Pacific Northwest North America</td>
<td>Dana Lepofsky</td>
</tr>
<tr>
<td>379-3</td>
<td>Archaeology of the American Southwest</td>
<td>John Welch</td>
</tr>
<tr>
<td>385-5</td>
<td>Palaeoanthropology</td>
<td>Mark Skinner</td>
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<tr>
<td>386-5</td>
<td>Archaeological Resource Management</td>
<td>Robert Muir</td>
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<tr>
<td>390-5</td>
<td>Archaeobotany</td>
<td>Catherine D'Andrea</td>
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<tr>
<td>471-5</td>
<td>Archaeological Theory</td>
<td>George Nicholas</td>
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### 2006–Summer

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<th>Course Title</th>
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<tr>
<td>100-3</td>
<td>Ancient Peoples and Places (Day course)</td>
<td>Brian Hayden</td>
</tr>
<tr>
<td>100-3</td>
<td>Ancient Peoples and Places (Correspondence)</td>
<td>Brian Hayden</td>
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<tr>
<td>226-3</td>
<td>The Prehistory of Religion</td>
<td>Brian Hayden</td>
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<tr>
<td>332-3</td>
<td>Special Topics: Fiji Culture and History (Fiji Field School)</td>
<td>David Burley</td>
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<td>335-5</td>
<td>Special Topics: Mycenaean Archaeology</td>
<td>David Burley</td>
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<td>433-6</td>
<td>Background to Fieldwork (Upper Fraser Valley Field School)</td>
<td>Robert Muir</td>
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<tr>
<td>434-3</td>
<td>Exercises in Mapping and Recording (Upper Fraser Valley Field School)</td>
<td>Robert Muir</td>
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<td>Exercises in Mapping and Recording (Fiji Field School)</td>
<td>David Burley</td>
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<tr>
<td>435-6</td>
<td>Field Work Practicum (Upper Fraser Valley Field School)</td>
<td>Robert Muir</td>
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<td>435-6</td>
<td>Field Work Practicum (Fiji Field School)</td>
<td>David Burley</td>
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### 2006–Spring

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<td>Ancient Peoples and Places (Day course)</td>
<td>Clement Apaak</td>
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<td>Ancient Peoples and Places (Evening course)</td>
<td>Robert Muir</td>
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<td>131-3</td>
<td>Human Origins</td>
<td>Mark Skinner</td>
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<tr>
<td>200-3</td>
<td>Special Topics: The Vikings</td>
<td>Erle Nelson</td>
</tr>
<tr>
<td>201-3</td>
<td>Introduction to Archaeology</td>
<td>Dennis Sandgathe</td>
</tr>
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<td>201-3</td>
<td>Introduction to Archaeology</td>
<td>George Nicholas</td>
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<tr>
<td>273-3</td>
<td>Archaeology of the New World</td>
<td>Ross Jamieson</td>
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<td>311-5</td>
<td>Archaeological Dating</td>
<td>Erle Nelson</td>
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<td>331-3</td>
<td>Special Topics: Underwater Archaeology</td>
<td>Robyn Woodward</td>
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<td>332-3</td>
<td>Special Topics: Forensic Archaeometry</td>
<td>Lynne Bell</td>
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<td>Special Topics: Disease and the Human Skeleton</td>
<td>Lynne Bell</td>
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<td>334-3</td>
<td>Special Topics: First Nations Issues in Archaeology</td>
<td>Eldon Yellowhorn</td>
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<td>336-3</td>
<td>Special Topics: Northwest Coast Indian Art</td>
<td>Alan McMillan</td>
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<td>Management of Archaeological Collections</td>
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<td>Ecological Archaeology</td>
<td>Dana Lepofsky</td>
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<td>Western Pacific Prehistory</td>
<td>David Burley</td>
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<td>Human Osteology</td>
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<td>Quantitative Methods in Archaeology</td>
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<td>438-5</td>
<td>Geoarchaeology</td>
<td>Knut Fladmark</td>
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### 2005–Fall

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<tr>
<td>100-3</td>
<td>Ancient Peoples and Places (Day course)</td>
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<td>100-3</td>
<td>Ancient Peoples and Places (Evening course)</td>
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<td>Human Origins</td>
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<td>Introduction to Archaeology</td>
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<td>The Prehistory of Canada</td>
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<td>The Prehistory of Religion (Correspondence)</td>
<td>Brian Hayden</td>
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<td>272-3</td>
<td>Archaeology of the Old World</td>
<td>Brain Hayden</td>
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<tr>
<td>302-3</td>
<td>Art of Ancient Civilisations (Evening course)</td>
<td>Barbara Winter</td>
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<td>330-3</td>
<td>The Prehistory of Latin America</td>
<td>Ross Jamieson</td>
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<td>331-3</td>
<td>Special Topics: Great Ape Societies</td>
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<td>Special Topics: The Archaeology of China</td>
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<td>Course Code</td>
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<td>333-3</td>
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<td>Paleoanthropology</td>
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**2005–SUMMER**

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<td>The Prehistory of Religion: Shamans, Sorcerers and Saints</td>
<td>Brian Hayden</td>
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<td>433-6</td>
<td>Background to Field Work (Fraser Valley Field School)</td>
<td>Dana Lepofsky</td>
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<td>434-3</td>
<td>Exercises in Mapping and Recording (Fraser Valley Field School)</td>
<td>Dana Lepofsky</td>
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<td>435-6</td>
<td>Field Work Practicum (Fraser Valley Field School)</td>
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**2005–SPRING**

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<td>100-3</td>
<td>Ancient Peoples and Places</td>
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<td>131-3</td>
<td>Human Origins</td>
<td>Jennifer Ramsay</td>
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<td>200-3</td>
<td>Special Topics: Archaeology of Ancient Egypt and Africa</td>
<td>Catherine D’Andrea</td>
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<td>201-3</td>
<td>Introduction to Archaeology</td>
<td>Robert Muir</td>
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<td>273-3</td>
<td>Archaeology of the New World</td>
<td>Ross Jamieson</td>
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<td>332-3</td>
<td>Special Topics: Forensic Archaeometry</td>
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<td>Barbara Winter</td>
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<td>Native Cultures of North America</td>
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<td>Material Culture Analysis</td>
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<td>Human Osteology</td>
<td>Amy Mundorff</td>
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<tr>
<td>479-3</td>
<td>Archaeology of Ancient Egypt and Africa</td>
<td>Catherine D’Andrea</td>
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</tbody>
</table>
The First Nations Studies Program on the SFU Burnaby Campus continues to be directed by the Chair of the Archaeology Department but it also has a multi-disciplinary Advisory Committee to oversee its direction and growth. Since the last Archaeology Biennial Report, Chris Papaianni, the First Nations Studies Program Manager, moved to Archaeology. Lorraine Yam who comes to us from Student Services has replaced her. We thank Chris for her efforts over the past years and welcome Lorraine to our midst. We further welcome two new individuals to the First Nations Advisory Committee. They are Mary Ellem Kelm, a Canada Research Chair in First Nations History and John Welch, a Canada Research Chair in First Nations Cultural and Environmental Resource Management. Each is an exceptional addition to the committee and we look forward for their guidance in the years to come.

Relative to First Nations Studies programming several noteworthy occurrences have taken place. Perhaps most significantly, the Vice-President Academic agreed to provide two additional First Nations Studies faculty appointments for the Burnaby Campus to be hired in the 06/07 and 07/08 academic years. These individuals will complement our current Burnaby faculty, Eldon Yellowhorn (FNST/Archaeology) and Annie Ross (FNST/School for Contemporary Arts) as well as Marianne Ignace (FNST/Sociology and Anthropology) in the Kamloops Program. We will now have a core teaching unit upon which to build an independent undergraduate Major in First Nations Studies as well as substantially expand course offerings in the immediate future. Additionally significant for First Nations Studies in Burnaby is the completion of new administrative offices, faculty offices and a dedicated seminar room as part of the ASSCI Complex construction. To be opened in April of 2007, these facilities front on to a three-story Atrium in which First Nations and other public events can take place.

Over the past two years, First Nations Studies course enrollments at both lower and upper division levels have significantly increased as also the number of students who are graduating with a minor in First Nations Studies. A new joint major program between First Nations Studies and Archaeology is approved and we have our first three undergraduate joint majors now completing coursework. Over the next two year period we hope to establish additional joint majors in First Nations Studies and Anthropology and First Nations Studies and History.

David Burley
Director, First Nations Studies

Eldon Yellowhorn and Chris Papaianni bring First Nations Studies to the 40th Anniversary Open House at SFU.
In the summer of 2005, the Simon Fraser University Archaeology Field School conducted an investigation of Sḵwx̱wú7mesh (the Katz Site, DI51) on Chawathil Reserve (Figure 1). Michael Lenert—a UCLA PhD student whose dissertation research focuses on Sḵwx̱wú7mesh, and Dana Lepofsky (SFU) co-supervised the excavations. Our excavation team consisted of our T.A. Cam Robertson, SFU (and sometimes UBC) students, Deanna Peters of Schkam First Nation, and Tim Peters Sr. of Chawathil First Nation.

The work at Sḵwx̱wú7mesh was conducted under the auspices of the Fraser Valley Research Project—a multi-disciplinary research project exploring shifting interactions and changing social identities among the Stó:lō First Nation. Sḵwx̱wú7mesh is of particular interest to our research because it is one of the oldest known multi-pithouse settlements in the Fraser Valley and based on discoveries of new house features by the 2005 field crew, it seems that Sḵwx̱wú7mesh was one of the largest ancient villages in the Fraser Valley.

As is typical of other archaeology field classes at SFU, the 2005 students were exposed to a range of experiences. They excavated using a variety of techniques and surveyed throughout the site and elsewhere on the Reserve. Because the field class is nested within a larger research project, the students were faced with real research problems. This required daily discussion (“Grand Rounds” see photo) where we discussed and re-evaluated our methods vis a vis the project goals.

In addition, the students worked closely with community members and helped organize several events where the community visited the site and learned about the project. The support from the Chawathil community was overwhelmingly positive.

Dana Lepofsky

From left: Larry Pete, Dana Lepofsky, and Barb Pete at Sḵwx̱wú7mesh on one of the “Community Days” (Photo by Deb Castagner).
The Department of Archaeology through SFU International delivered its sixth South Pacific field school in Archaeology in the Republic of Fiji in coordination with the University of South Pacific, the Fiji Museum and the National Trust for Fiji. The field school was held from May through July with 18 students enrolled in three courses—Arch 332 (Fiji Culture, History and Archaeology), Arch 434 (Mapping and Recording) and Arch 435 (Field Work Practicum). David Burley was the field school leader with Karine Tache serving as an instructor and field supervisor with Lisa Grotrian as the field lab manager. After initial coursework at SFU (3 weeks), students carried out two and a half weeks of coursework on the University of South Pacific Campus in Suva receiving various lectures from USP faculty on Fijian history, politics, geography, biodiversity, traditional culture, historical linguistics and archaeology. Field trips or studies were carried out at the Fiji Museum, in Levuka, the first colonial capital of Fiji on the island of Ovalau, the Fijian hillfort at Taveuni, the traditional pottery making village of Nakabuta, and Colo i Suva Forest Park. The final four weeks of field school involved survey and excavations at the Sigatoka Sand Dunes National Park on the Coral Coast of Viti Levu. This project was undertaken as part of a longer term research project at the site by David Burley and personnel from the Fiji Museum. The 2006 excavation project focused on a 1500 year old salt processing industry in which large ceramic pans were manufactured and used for evaporation of sea water on the Sigatoka shoreline. A small number of burials eroding from the dunes were also investigated. Students carried out this work with local Fijian field assistants as well as a staff member from the Fiji Museum.

David Burley
In 2006, an archaeological field school was held at the site of Keatley Creek, near Lillooet BC. SFU has been conducting research at this site for the last 21 years, primarily under the direction of Dr. Brian Hayden. In 2006 seventeen students participated in the project, under the direction of Dr. Bob Muir and Jesse Morin (UBC, PhD candidate).

Excavations focused on investigation of a small housepit situated on the periphery of the main village site. The house has two very distinct occupation floors, one dating to approximately 300 years ago and the other dating to approximately 2,000 years ago. The isolated location and unique assemblage of stone tools and animal bones found on the floor of the house suggest that it was not a standard domestic residential structure, but rather was used for communal ceremonial activities. Analyses of materials collected during excavation are ongoing and will be the focus of Jon Sheppard’s forthcoming BA Honours Thesis.

In addition to excavation, the field school involved detailed digital mapping of several archaeological sites. At the request of the Pavilion Indian Band (Ts’kw’aylaxw First Nation) the students spent three weeks mapping a large housepit village on the west side of the Fraser River, near McKay Creek. The field school also completed a detailed topographic map of the core of the Keatley Creek Village.

The philosophy, framework, and many of the lessons taught during the field school were heavily based on the teachings of the late Phil Hobler: We did our best to continue the tradition that he began.

Bob Muir
Excavations were undertaken at Lapita ceramic period sites in the Vava’u islands, Kingdom of Tonga from May through July 2005. This project was the final phase of a three-year SSHRC grant (2002–2005) for survey and excavations in northern Tonga focused upon first settlement, its impact and implications for early expansion into Samoa. As part of his doctoral research on ancestral Polynesian society, Sean Connaughton also supervised excavations at the Falevai site on Kapa Island in Vava’u. These projects recovered a wealth of new data and, when analyses are complete, provide the final chapters for a 15 year long study of Tonga’s early colonization and its role in Polynesian origins. In conjunction, SFU and the Tongan Traditions Committee sponsored and chaired the fifth Lapita conference in Nuku’alofa, Tongatapu in August 2005. Approximately 80 delegates attended from around the world.

Initial field surveys for Lapita sites on the south coast of Viti Levu in Fiji were conducted in June 2006 as initial fieldwork under a 2006–2008 SSHRC grant. This project is to explore the relationship of Lapita settlement sites in western Fiji relative to central island Melanesia to the west and the Lau and Tongan islands to the southeast. This program was combined with SFU field school excavations at the Sigatoka Sand Dunes on western Viti Levu (see South Pacific Field School). Also initiated in 2006 was a detailed study of Lapaha, the 13th through 19th century AD capital of Tonga. This is a collaborative project with Dr. Geoffrey Clark of the Australian National University. Lapaha incorporates a series of large terraced tombs built for the sacred paramount ruler, the Tu’i Tonga. In February, these tombs were surveyed for internal burial vaults using ground penetrating radar and resistivity. They also were mapped using 3-D laser scanning technology. Interviews in February and August with the ha’atufunga (traditional undertaker titles) and other knowledgeable residents have provided a volume of traditional history both for the tombs and Lapaha in general.
Roy L. Carlson

I am spending most of my time organizing and editing Archaeology Press publications. Three volumes are in preparation: (1) Projectile Point Sequences in Northwestern North America, edited by R.L. Carlson and M. Magne; (2) Microblade Industries of Northeast Asia and America, edited by Y. Kuzmin, S. Keats, and Chen Shen; and (3) The Paleolithic of Northeast Asia, edited by Y. Mochanov and S. Fedoseeva.

Catherine D’Andrea

Field research in 2005–6 was undertaken in Ethiopia and Sudan. The second and third seasons of an archaeological survey were completed in the Gulo-Makeda region of northern highland Ethiopia. The survey indicates that the region has been inhabited since at least the Middle Stone Age, with continuous occupation through the establishment of Pre-Aksumite and Aksumite Kingdoms (700 BC–AD 700). We have demonstrated that far from being a rural hinterland, Gulo-Makeda included large towns with elite groups who had access to exotic trade goods. The contents of a Classic Aksumite period (AD 150–350) tomb at the site of Fekada were recovered, including over 25 ceramic vessels, fragments of ten glass vessels, three bronze bowls and a knife (Figure 1). Such objects indicate that individuals in Gulo-Makeda were involved in the royal redistributive network or perhaps engaged in trade themselves. Several items in this superb collection are being prepared for inclusion in a museum exhibit. In 2005, a field project on archaeobotanical and ethnoarchaeological studies of sorghum processing and bread-baking was completed in northern Sudan. The remains of sorghum seeds, phytoliths, and starch grains were identified at a Meroitic (300 BC–AD 400) temple bakery at the site of Dangeil. Archaeobotanical interpretations were supplemented by ethnoarchaeological studies of traditional Sudanese sorghum processing (Figure 2). Laboratory-based research on early African farming societies continued in 2005–6 with the analysis of Kintampo (1500 BC) archaeobotanical remains from central Ghana, which resulted in the identification of the earliest known domesticated cowpeas. New archaeobotanical investigations were initiated at the 3rd millennium BC site of Tel Ta‘yinat, Turkey, in collaboration with Timothy Harrison (University of Toronto).
I completed my first five years as Dean of Graduate Studies in May 2005 and began a new three year term. I expect to return to full-time teaching and research in Archaeology in September 2009. I have been able to maintain a low level of instructional activity in Archaeology, teaching zooarchaeology in 2005, and assisting John Welch with a course on the American Southwest in 2006. Two of my Ph.D. students completed their programs. Carmen Tarcan (2005) wrote her dissertation on the colonial zooarchaeology of Zuni, and Tiffany Rawlings (2006) completed her study of Shields Pueblo fauna.

With much appreciated support from my current SSHRC grant ($99,000, 2004 to 2007) I continue to investigate faunas from Chaco great houses, with the assistance of two graduate students, and in collaboration with Crow Canyon Archaeological Center and Catherine Cameron (University of Colorado, Boulder). In 2006 Tyr Fothergill, Shaw Badenhorst and I spent some time in Colorado doing library and archive research on previously reported faunas. Tyr worked at UC (Boulder), CCAC, and the Anasazi Heritage Center. Shaw and I worked at AHC, CCAC, University of New Mexico, Zuni Cultural Resource Enterprise, Salmon Ruins Library, and the New Mexico Laboratory of Anthropology.

My responsibilities as dean have cut deeply into the time available for writing. Over the last two years I have been invited to present an unusual number of papers at conferences, including CAA, SAA, Plains Conference, Chacmool, and ICAZ. Most of these have been co-written with students, and a number are in preparation for publication.
**Knut Fladmark**

In 2005–2006, as with every year since being injured in an automobile accident in 1985, I was unable to direct any new field research. Besides a constant up-grading of course material, most of that time was spent completing a 54-page article, titled *People of the Rivers*, which summarizes the archaeology of Subarctic British Columbia. This article is now in press in a compendium volume commemorating Dr. James V. Wright, who passed away in 2004. The volume will be edited by Richard Morlan and produced by the Canadian Museum of Civilization, Gatineau, Québec, in the spring or summer 2007.

**Biruté Galdikas**

Dr. Galdikas’ research specialties include studies of primate behavior, ecology, and evolution, with particular focus on orangutans. Other research interests involve tropical rain forest ecology and phenology.

Since 1971 research has been ongoing at the Orangutan research and conservation center in Tanjung Puting National Park, Indonesia. These studies have been specifically concerned with wild orangutan behavior, the development of orangutan conservation programs, and the re-introduction of captured individuals into the wild. Specific areas that have been investigated include orangutan subsistence, sociality, reproduction, cognitive potentials, communications and tool use. Other primate studies have been carried out on proboscis monkeys and macaques.

**Brian Hayden**

In 2005 and 2006, I continued to support graduate students investigating ritual structures at the prehistoric housepit village of Keatley Creek. Following initial indications of ritual functions of several small peripheral structures that I published in 2004, subsequent excavations have amply reinforced the conclusion that these are in fact ritual structures—the first prehistoric ritual structures to be identified in British Columbia. Ongoing investigations of these structures and their roles in large prehistoric communities are being conducted by Suzanne Villeneuve and Jesse Morin.

Related to this from a theoretical perspective, I have applied for funds to study ritual specialists and the locations of their meetings and rituals on the Indonesian Island of Sumba. In addition, I have begun a comparative study of archeoastronomical knowledge among complex hunter/gatherers with the objective of developing a new understanding of some of the Upper Paleolithic cave art.

![Excavations at Keatley Creek](image-url)
My research in the Central Highlands of Ecuador continued in 2005/06, with continued funding from my SSHRC Standard Research Grant examining the colonial period city of Riobamba (AD 1534–1797). The city was destroyed by an earthquake and moved in 1797, and the remains of the colonial city now sit under the rural town of Sicalpa. From May to July 2005 a second season of excavations took place in Sicalpa, with the excavation of several domestic sites, and archaeological testing of the church in Sicalpa Vieja, which is the sanctuary of Nuestra Señora de las Nieves, an important religious icon to the people of the region. Our Canadian participants in 2005 included Laurie Beckwith (Instructor, Douglas College) who did survey for Inka sites in the region, Andrea Weiser (MA student, SFU Archaeology), who undertook archaeobotanical flotation, and Claudine Vallieres PhD student, McGill), who worked with the faunal collections. There are also three students currently completing PhD research on aspects of colonial Riobamba; Michael St. Denis (SFU) on the hospital, Gina Michaels (SFU) on the Mercedarian and Augustinian monasteries, and Evelyn Nimmo (University of Reading) on the Conceptionist Convent.

In Sicalpa and Sicalpa Viejo we are, as always, greatly indebted to the local community and their enthusiastic support of our research. A large group of local people participated as field assistants during the 2005 season, including Efrain Cargua and Pascual Yangol, who have opened their homes and hearts to this strange group of Canadians who have descended into their midst, and José-Luis Espinosa (of Cuenca), who has participated in all my Ecuadorian research since its inception.

In October 2006 the final field season of the grant included the participation of two undergraduates (Guy Duke and Jim Pound), who accompanied me to Riobamba in order to complete the analysis and cataloguing of the archaeological collections. These have now been deposited in the storage facilities of the Sicalpa community museum, under an agreement with the Canton of Colta. We took the opportunity to construct small museum displays, largely through the work of José-Luis Espinosa, which were installed in the Sicalpa Museum and in the church in Sicalpa Viejo, allowing tourists and school groups to get an idea of the project’s goals and results. When not working on the materials, we took the opportunity to survey the course of the Inka road in the region, in preparation for future grant applications.

Back at SFU my research continues the analysis of materials recovered from Ecuador, including ongoing INAA analysis of ceramic samples, identification of faunal remains, and analysis of the archaeobotanical materials.
My research during 2005 and 2006 was mostly focused on the last phase of my SSHRC funded research project. The project explores shifting interactions and changing social identities among the Stó:lō, a Coast Salish group residing in the Fraser Valley in southwestern British Columbia. This project brings together researchers from several institutions (UBC, SFU, USaskatchewan, UCLA, and Sto:lo Nation) and several disciplines (history, linguistics, archaeology, and geomorphology) to investigate how social, political, ritual, and economic interactions among the Stó:lō vary in time and space. Our archaeological investigations to date have focused on an extensive mapping and testing program of large ancient settlements in the Fraser Valley, the home of the Stó:lō people. In addition, we extensively excavated the ancient settlement of Šxwúxwíymelh. These two data sets are the basis of two PhD theses. Both theses should be completed in the next year.

We have now turned our attention to a similar mapping, testing, and excavation programme in the Harrison watershed. The Harrison, the home of the Chehalis people, is a large tributary watershed of the Fraser. Last year the Chehalis chief and Council invited us to work in their territory. The watershed is relatively untouched by development and up until our work, has seen little archaeological research. It is a logical extension of our research on interaction and identity because while the Chehalis people had strong social connections to the Stó:lō, they also see themselves as culturally distinct. Our preliminary archaeological work in the Harrison watershed suggests there are both significant similarities and differences in the settlements in the Harrison and Fraser watersheds. We have a large field season planned for this summer. This research will form the basis of two Masters students.
Robert J. Muir

Since September 2002 I have been a full time limited-term lecturer in the Department of Archaeology. As such, my primary responsibility is teaching, rather than research. Over the last two years I have taught eleven different upper and lower division archaeology courses and directed the department’s 2006 archaeological field school at Keatley Creek, near Lillooet, BC. The Keatley Creek site is a very large prehistoric village site and has been the focus of research by SFU researchers for over 21 years. The field school involved investigation of a late prehistoric pithouse structure at the site, as well as detailed mapping of other large village sites in the region.

During the spring of 2005, at the request of the Nlakap’amux Nation Tribal Council, I was involved in the excavation of four archaeological sites at Snapa, south of Ashcroft, BC. This project involved the training of 18 First Nations crew members in techniques of archaeological excavation, and over six weeks of excavation work. Analysis and reporting on these excavations occurred throughout the fall and winter of 2005/2006 and involved the participation and employment of eight undergraduate and graduate students from our department. Through radiocarbon dating, occupation of these sites was determined to span from approximately 7,000 to 100 years ago and demonstrate the transition from big game hunting to salmon fishing as the predominant means of subsistence.

Alan McMillan

My recent research is part of on-going work in Barkley Sound, western Vancouver Island. In the summer of 2006 we returned to Huu7ii, one of the major traditional villages of the Huu-ay-aht First Nation, near Bamfield. In cooperation with the Huu-ay-aht, we excavated across much of a large house platform visible on the site surface, as well as tested on an older terrace behind the main village. A number of SFU students, both graduate and undergraduate, participated in the fieldwork, either as paid employees or as volunteers.

Analysis and reporting on an earlier stage of the Barkley Sound research was completed with the publication of Ts’ishaa: Archaeology and Ethnography of a Nuu-chah-nulth Origin Site in Barkley Sound (by A.D. McMillan and D.E. St. Claire, Archaeology Press, SFU) in 2005. I also prepared an article examining the ethnographic contributions of Edward Sapir and Philip Drucker on the Nuu-chah-nulth, assessing evidence of cultural change over time and integrating this with the results of our archaeological research. This article will appear in 2007 in a memorial volume for J.V. Wright published by the Canadian Museum of Civilization.
My research these past two years has been mainly centred around the isotopic studies that I have been undertaking together with PhD student Rob Commisso. In these studies, we have been investigating the nitrogen isotopic ratios of the plants (primarily grasses) now growing on Norse farm sites in Greenland. Contrary to expectation, we have shown that the $\delta^{15}$N values of these plants in some way reflects the ancient human activities that took place at the sites. Several farms have been studied in some detail, and we find similar isotopic values for the plants now growing on the same features at each. Houses, barns, pens and fields all seem to have characteristic signatures. These signatures are not unique, but they can be used for identification and they do place constraints on archaeological interpretation. For example, it has been possible to identify and spatially define the ancient infields at the farms, and to argue that these fields must have been routinely fertilized by the Norse. Existing archaeological interpretations of the functions of various structures and features have been both supported and challenged by this new form of analysis.

The basic field work was completed by Mr. Commisso in the summer of 2005, and in the summer of 2006, I had the opportunity to collect grass samples at several more sites to further examine the spatial resolution of the isotopic signature.

The two pioneer papers in the field are now published, a third has been submitted and a fourth and fifth are underway. These studies will likely form the basis of a new analytic method in archaeology.
GEORGE NICHOLAS

From 1991 to 1995, I developed and directed the Indigenous Archaeology program at the SFU campus on the Kamloops Indian Reserve. This unique program was dedicated to new approaches to and challenges in melding community based archaeology with research and cultural heritage management through classroom and field-based studies. Over the course of 15 years, the program has produced more First Nations archaeologists than any other institution in Canada.

In June 2005, I transferred to the Burnaby campus where I continue to work in the realm of Indigenous archaeology at both the local and international levels. 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.

My research and field studies also focuses on the role of wetlands on landscapes occupied by hunter-gatherer societies worldwide. I am tracking this relationship by examining such variables as site location and density, degree of sedentism, and economic and sociopolitical organization. Aspects of this work have been supported by a grant from the Social Sciences and Humanities Research Council.

I am also involved in developing a major research initiative, “Intellectual Property Issues in Cultural Heritage: Theory, Practice, Policy, Ethics,” which will address 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 in the past. This project has organized panel discussions at several international conferences, including a session on “Decoding Implications of the Genographics Project for Archaeology,” and was the impetus for the Indigenous Cultural Heritage and Intellectual Property Rights conference held in Burra, Australia (December 2006).

Since 2000, I have been the Editor of the Canadian Journal of Archaeology, and also of the CAA Occasional Publication Series. Cheryl Takahashi has been the Editorial Assistant responsible for formatting the journal and seeing each issue to press, as well as the designer of the CJA website.

In 2005, I became the co-editor of the World Archaeological Congress Handbooks in Archaeology series, which is designed to publish comprehensive reviews of key topics in archaeology. Volumes in production include the Handbook of Landscape Archaeology and the Handbook of Forensic Archaeology.

RICHARD SHUTLER JR.

Dr. Shutler has been involved in a number of research and writing projects over the past two years. He continues to work on a reanalysis of his earlier Tule Springs (Nevada) project where he is reassessing the possible associations of pre-Clovis artifacts with Pleistocene megafauna. A second project that has been initiated is an analysis and assessment of early materials in the Singapore Museum from the Koto Tampan site (Malaysia). Finally he is attempting to borrow and conduct analysis on Micronesian and Southern Philippines red-slipped ceramic collections from the Field Museum of Natural History to look at relationships with early slipped wares in other parts of Oceania.
In 2004–5, Dr. Skinner became the Director of Forensic Sciences for the International Commission on Missing Persons (Sarajevo) where he managed the activities of more than 120 employees (nationals and internationals). He supervised the Heads of DNA labs, Coordination Centre, Excavations and Examinations and Bioinformatics. In addition to fielding teams of archaeologists, anthropologists and pathologists daily to mass graves, he and his Department created the Lukavac Re-Association Centre in Tuzla, to deal with commingled remains from secondary graves from the fall of Srebrenica. He held this post for one year and then returned to Simon Fraser University. He now provides expert advice to the UK-based Defense Team for former Kosovo Prime Minister Marush Haradinaj charged with war crimes. Most recently this has involved osteological autopsies on 23 civilian remains in Pristina Kosovo, and traveling to the Hague to examine ballistics and personal effects held by the International Criminal Tribunal for the Former Yugoslavia. He also provides expert opinion to the Defense Team for Robert William Pickton.

Dr. Skinner was promoted to Full Member of the American Academy of Forensic Sciences in 2006.

Along with colleagues from Biosciences and Criminology, Professors Skinner and Yang form the core group of researchers for a new Centre for Forensic Research currently being created at SFU. This $3.5 million facility opens in early 2007 with state of the art imaging capabilities as well as a Containment Level 2 Autopsy lab. This centre promotes basic research in forensic entomology, botany, degraded DNA, geochemistry, osteology and archaeology. In addition, the Centre will accept cold cases and current forensic cases.

Dr. Skinner was a major participant (five presentations) in a Workshop in Forensic Anthropology organized by the Department of Forensic Medicine University of Helsinki, Finland (2006).

In recognition of his expertise in enamel hypoplasia and developmental stress in apes, Professor Skinner was invited as a Discussant to the Dental Tissue Workshop (2006) hosted by the Max Planck Institute for Evolutionary Anthropology (Leipzig).

Along with Dr. Djuric, he organized a Forensic Anthropology Symposium: Forensic Anthropology: Orthodoxy and Heresy as part of the XVIII International Symposium on Morphological Sciences. Belgrade, SCG June 7, 2005.

In 2005–6 Dr. Skinner supervised four doctoral and one master’s student:

**Doctoral:**
- Andrew Hickok (Treponemal Infection on the Ancient Northwest Coast);
- Maria Hillier (Stable Isotopes and Mesolithic-Neolithic transition in Iberia);
- Amy Mundorff (Human Identification in the World Trade Center Disaster: Assessing Identification Processes of Highly Fragmented and Commingled Human Remains);
- Audrey Scott (Hair as an under utilized resource in forensic anthropology);

**Master’s:**
- Karen Kelly (Premature birth, medical procedures and dental enamel formation).
John R. Welch

The Department’s Tier 2 Canada Research Chair in Indigenous Heritage Stewardship, Welch joined the SFU faculty in 2005 and is jointly appointed in the School of Resource and Environmental Management. Welch spent 15 years assisting Arizona’s White Mountain Apache Tribe with the establishment of archaeology, museum, and sustainable development programs. In 2005 Welch integrated documentary, archaeological, and oral history data sets in the completion of a study of an important Apache-cavalry battle. Wrap-up projects in Arizona also included preparation of a complete history of the management and preservation efforts at Kinishba Ruins National Historic Landmark, a massive Ancestral Pueblo ruin that was excavated and partially reconstructed in the 1940s and continues in use as an outdoor museum. A book, tentatively titled, *Fort Apache: Places and Displacements at a Frontier Icon* is in the planning stages. Welch continues to serve on the board of the Fort Apache Heritage Foundation, providing technical and management assistance to the Tribe’s Heritage Program and Fort Apache Historic Park.

At SFU, Welch has been building upon work in Arizona by engaging First Nations in community-based and participant-driven research contexts focused on the linkages among stewardship policy and practices and indigenous sovereignty—defined through reference to four elements of nation building—self-determination, self-governance, self-knowledge/representation, and peer recognition. Welch has initiated collaborations with First Nations in B.C. to examine correlations between cultural and ecological stewardship in terms of ideologies, epistemologies, and methodologies. The ultimate goal is to expand understanding of what elements of ecological and cultural heritage humans decide to carry forward and of how this can be done, today, in a way that empowers First Nations sovereignty and fosters sustainable social systems. In addition to partnership-building Welch began preliminary collaborations with Annie Ross, faculty of contemporary arts and First Nations Studies, on a project called Emblems of Pride. The project seeks to work with First Nations elders and representatives to decode the historical, cultural, and environmental logic and meanings embedded in First Nations’ symbols such as seals and flags.
Over the past two years, my research has been focused on applying ancient DNA analysis to the study of archaeology-oriented questions and on the development of more effective and efficient methods for DNA extraction and DNA sequence analyses. Through different collaborations, my graduate students and I have been working on several major projects including: 1) prehistoric salmon fishery in the Pacific Northwest of North America (in collaboration with Aubrey Cannon), 2) prehistoric whaling and whale use from Vancouver Island, Canada (in collaboration with Alan McMillan), 3) the origin of Asian domestic water buffalo (in collaboration with Li Liu and Xingcan Chen), and 4) DNA identifications of human skeletal remains (in collaboration with Dean Hildebrand).

Two of my PhD students apply ancient DNA techniques in their thesis research. Camilla Speller analyzes ancient turkey DNA, studying the domestication and the use of turkey in prehistoric Southwest US. Ursula Arndt examines ancient DNA from archaeological whale remains to study the genetic diversity of whales before and after industrial whaling.

I have also served as the senior supervisor for two other PhD students whose research interests center more on physical anthropology. Maria Hillier’s interests are focused on the bioarchaeology of late Neolithic Portugal, and Grace Zhang’s thesis research is on the health and diseases of past human populations in China.

Over the past two years, I have worked closely with Andrew Barton to design the new dedicated and access-restricted DNA labs that are currently being built within the new Arts and Social Sciences Complex I (ASSC1). Upon completion in 2007, these new labs will expand our capacity to process degraded forensic DNA samples, to collect and process modern reference DNA samples and to carry out more post-PCR analyses.

In May of 2006 I received a Standard Research Grant from the Social Sciences and Humanities Research Council to investigate the history of the Piikani First Nation by focusing on archival and material culture studies. In July, I initiated my historical archaeology project with the cooperation of the Piikani Chief and Council. This three-year project will direct my research to sites that represent the early reserve years as the Piikani embraced a farming lifestyle. For this project I will be investigating the changes that accompanied the shift to settled-farming life, and the customs that persisted into the twentieth century. The objective for this project is to chronicle the history of the Piikani community from 1880 to 1920. I will be returning to the Piikani First Nation in the summer of 2007 and 2008 to continue my examination of local history.
The Museum’s first Virtual Museum of Canada website “A Journey to a New Land” (described in the previous report) went live in 2005. It has received several major awards, including an Educational Achievement Award from the Canadian Archaeological Association, a Feature Award from the ‘Museums and the Web’, a first place award from the Digital Educators of America for Interactive Design, a first place award from the University and College Design Association, and an Interactive Design award from VidFest. It is featured in the European Union-Central Eastern European Regional INTERREG IIB project (Heritage Alive! – http://www.heritagealive.eu) as a Best Practices example of technological tools that have demonstrated innovative approaches and the use of mobile multimedia technology to mediate the stories and experiences of heritage and UNESCO World Cultural Heritage Sites to a broad audience.

In 2006 the Museum received two further contributions from the Department of Canadian Heritage. One is partnered with the Xa:ytem Interpretive Center, and featured interactive 3D recreations of an archaeological site using real actors ($224,000). The other focuses on the museum’s collections from Central and South America ($301,000). In addition to a large online database of artifacts and archival images the site features contemporary new Canadians from Central and South America. We are working with the Learning and Instructional Development Center; the Media Lab in the School of Communications, and Interactive Arts (Surrey campus) in the production of these sites. The multilingual French/English/Spanish sites will be viewed at www.sfu.museum. The project trained 23 students in a variety of skills, some in a paid capacity, some as volunteers and some as students working for credit. Both new sites will be online in 2007.

As a part of the Central and South American project, a small exhibition on the missing and forensic archaeology was mounted for the Day of the Dead. Forensic archaeology teams from Peru, Guatemala and Argentina sent illustrative images and text. Graduate student Derek Congram and Dr. Mark Skinner facilitated.

The Museum co-hosted a 3D Imaging Technologies workshop with the National Research Council of Canada on March 6th & 7th in the Halpern Center.

The Museum received a large, valuable and significant donation of Indonesian wayang kulit shadow puppets in 2006, the culmination of a long relationship between the donor and SFU. SFU International and the School for the Contemporary Arts were instrumental in documenting the collection. The donation was celebrated at SFU’s 40th anniversary open House on June 3rd, 2006 with a selamatan ‘blessing’ ceremony which awakened the wayang kulit from their 80 year sleep, a procession, performance, dance, gamelan concert and feast. The elderly donor and his extended family attended and participated in the ceremony. President Stevenson personally thanked the donor in a public speech.

The museum received a large collection of historic 8 mm and super 8 mm films from Dr. Wolfgang Jilek.
and Dr. Louise Jilek-Aall. They were filmed during their lifelong research into shamanism among indigenous peoples around the world. Excerpts of the films are being used in the two websites and will form a core of the archaeological and ethnographic archive being developed at the museum.

Three large collections and many smaller collections of photographic images were received. Dr. George MacDonald donated two large collections of historical photos of First Nations scenes from the BC coast and Dr. Brian Hayden donated a large collection of 35 mm slides on the archaeology and ethnography of Central America.

Our ongoing relationship with the Bill Reid Foundation has brought up the opportunity to enhance SFU’s installation of works of this renowned BC artist. An onyx ‘Raven’ sculpture from the Foundation’s collection will be installed in the new atrium space outside the Museum front doors.

A great deal of energy went into planning for the 2007 expansion into the new laboratory and reserve collection spaces. Twenty seven student volunteers worked on various collections management activities, developing skills they intend to use in museum related future work. The major collections activity in the past year included refinement of the collections management databases.

In addition, the Museum gained the services of a Quality of Life Volunteer; Zak the Shiba Inu. Zak visits regularly, welcomes children from the campus day care and rarely barks at our gallery visitors.

Barbara Winter, Ph.D.
Museum Curator
Over the past two years, the Archaeology Laboratories have been involved in a number of renovation and planning projects, in addition to the ongoing work of supporting laboratory and field based projects and courses, and researching and curating laboratory collections.

Small renovations were required to ready offices for new faculty in the summer of 2005. Renovations were completed on the 8000 level in the fall of 2005, resulting in the creation of two new project laboratories, a small loading bay area and a hallway that will connect the laboratories to the new Material Culture Teaching Laboratory in the Arts and Social Sciences Complex 1 (ASSC 1). Renovations to join the 9000 level to the new atrium in ASSC 1 have resulted in the loss of the computer lab (to be replaced in ASSC 1) and the creation of a new machine room. Renovations have begun in the Physical Anthropology Teaching Laboratory in late 2006 to better equip the room for teaching purposes. Security upgrades are planned or have taken place, with Armorguard security file applied on windows on the 9000 level in the spring of 2005 and with new Abloy deadbolts to be installed on all doors on the 9000 level and the perimeter doors of the 8000 level in late 2006 or early 2007. Archaeology laboratory staff have also aided in the planning and proposed equipping of the new laboratory spaces in ASSC 1.

In the last two years, archaeology laboratory staff worked on two CFI proposals.

Three field schools and 18 field projects led by faculty, graduate students, undergraduate students and visiting researchers were facilitated by the archaeology laboratory staff. Seventeen laboratory courses were also supported during this time.

Renewal of laboratory and field equipment included the purchase of new computer equipment for the photographic lab, a number of microscopes, illuminators, ultrasonic cleaners and scales to equip the new laboratories as well as field equipment in the form of digital camera equipment, general field gear and a new generator. Casts were purchased for the paleoanthropology collection. Two 2006 Uplander seven-seat vans were purchased with Geography to replace the 1995 fifteen-seat Dodge van.

Eleven work-study students have been employed for a variety projects. Curation and analysis work, as
well as database updates have been performed for the zooarchaeology collection, the paleoanthropology collection, the osteology collection, the osteology teaching collection, the forensic collection, the geological kits and the historic archaeology collection.

A number of repatriations occurred in the last two years. In the spring of 2005, Haida remains were returned. In summer of 2005, Nicoamen remains were returned. In the spring of 2006, the China Lake remains were returned. Preparations continue for the return of the Beach Grove material to the Royal British Columbia Museum and the Namu remains to the Heiltsuk. Material brought to the labs for consultation by the RCMP was also returned in the fall of 2005.

Shannon Wood
Lab Manager

Heather Robertson
Laboratory Technician
Faculty Grants

Burley, D.V.
(2005) Technical Briefs in Historical Archaeology, SFU Publications Grant, Simon Fraser University ($3,000).
(2004–2005) Dean of Arts Research Grant, Simon Fraser University ($5,000).

D’Andrea, A.C.

D’Andrea, A.C. (collaborator)
(2005–2008) Tel Ta’yanat Archaeological Project, Turkey. Social Sciences and Humanities Research Council of Canada Research Grant. Timothy Harrison, University of Toronto, Principal Investigator.

Driver, J.

Hayden, B.

Jameison, R.W.

Lepofsky, D. (In collaboration with M. Blake (University of British Columbia), J. Arnold (UCLA), D. Schaepe (Sto:lō Nation and UBC), P. Moore (UBC), and J. Clague (SFU))
Li Liu (PI), X. Chen, D. Yang, and T. Gonzalez

Nelson, D.E.

Nicholas, G.P.

Skinner, M.F.

Welch, J.R.

Winter, B.J.

Yang, D.Y.

Yang, D., A. Cannon, A. McMillan, and D. Hildebrand.

Yellowhorn, E.C.
**Department Publications**

Adams, R.L.


Badenhorst, S.

Badenhorst, S., and Plug, I.

Blau, S., and M.F. Skinner

Burley, D.V.

Carlson, R.L.

Cominso, R.G., and D.E. Nelson

D’Andrea, A.C.

D’Andrea, A.C., A.L. Logan, and D.J. Watson

Hayden, B.

Hayden, B., and S. Villeneuve

Jamieson, R.W.


Jessee, E., and M.F. Skinner


Klassen, M.A.

Lepofsky, D., and K. Lertzman

Lepofsky, D., K. Lertzman, D. Hallett, and R. Mathewes

Lepofsky, D., D. Hallett, K. Washbrook, A. McHalsie, K. Lertzman, and R. Mathewes

Liu, D.Y. Yang, and X. Chen

Lyons, D.E., and A.C. D’Andrea.

Pavlish, L.A., A.C. D’Andrea, and K. Weeks

Mackinnon, G., and A.Z. Mundorff

McMillan, A.D., and D.E. St. Claire
2005 Ts’ishaa: Archaeology and Ethnography of a Nuu-chah-nulth Origin Site in Barkley Sound. Archaeology Press, Department of Archaeology, Simon Fraser University.

2006 Historical Ecology and Biogeography of North Pacific Pinnipeds: Isotopes and Ancient

Mundorff, A.Z.

Mundorff, A.Z., G. Vidoli, and J. Melinek

Nicholas, G.P.


Nicholas, G.P., and J. J. Hollowell

Plug, I. & Badenhorst, S.

Robbins, L.H., A.C. Campbell, M.L. Murphy, G.A. Brook, P. Srivastava, and S. Badenhorst
Skinner, M.F., and J. Sterenberg

Speller, C.D., D.Y. Yang, and B. Hayden

Taché, K.

Welch, J.R., M. Altaha, D. Gatewood, K. Hoerig, and R. Riley

Welch, J.R., C. Colwell-Chanthaphonh, and M. Altaha

Winter, B.J., J. Graf, and C.M. Rust (eds.)
2005 A Journey to a New Land. Archaeology Press, Department of Archaeology, Simon Fraser University, Burnaby.

Yang, D.Y., and C.F. Speller

Yang, D.Y., and K. Watt

Yang, D.Y., J.R. Woiderski, and J.C. Driver

Yellowhorn, E.C.