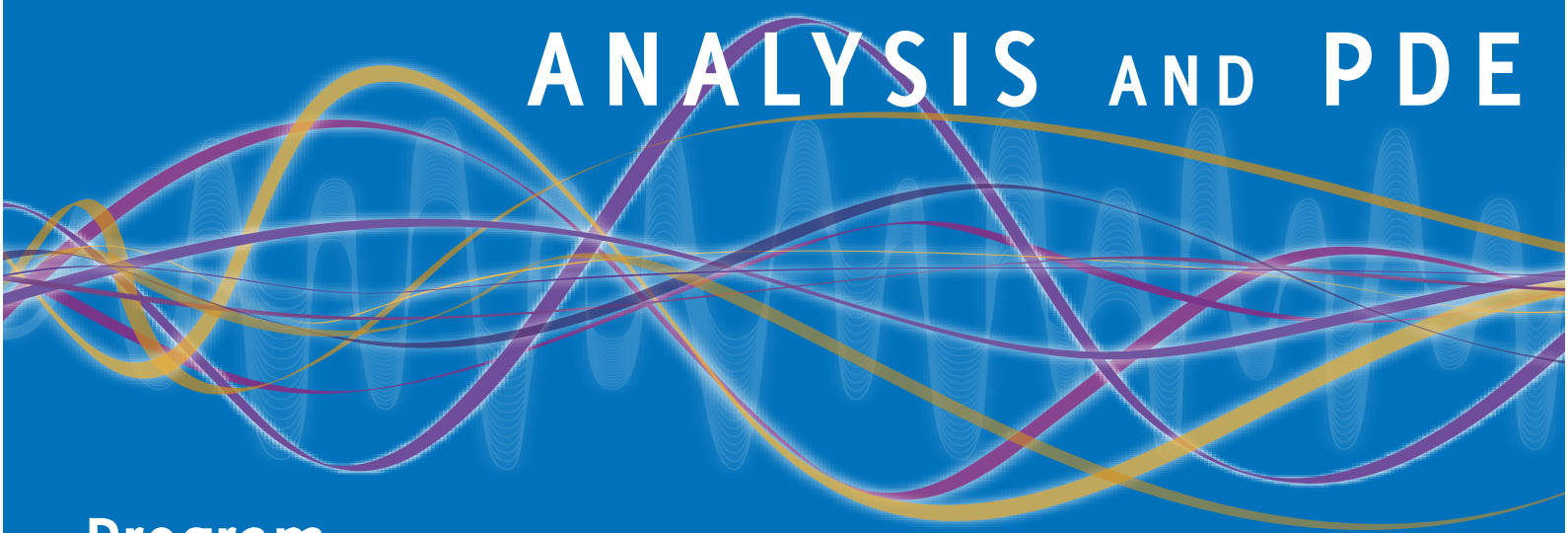
WESTERN INTERNATIONAL WORKSHOP ON HARMONIC ANALYSIS AND PDE



Program

June 10-12, 2015

The University of British Columbia
Earth Sciences Building (ESB)
2207 Main Mall, Vancouver

ORGANIZERS: Cristian Rios, University of Calgary; Malabika Pramanik, University of British Columbia; Tatiana Toro, University of Washington

Getting Started

Get connected: Select the "ubcvisitor" wireless network on your wireless device. Open up a web browser, and you will be directed to the login page.

Frequently Asked Questions

Q: Where do I check in on the first day?

Check- in and Package pick up can be done in the Atrium

Q: Where are the sessions?

All workshop sessions in the Earth Sciences Building Room 2012

Q: Will the program change?

Program changes and updates will be announced at each session.

Q: When should I wear my badge?

Please wear your name badges at all times on site so that PIMS Staff recognize you as a guest.

Q: Where can I go for help on site?

If you need assistance or have a question during the conference, please feel free to talk to one of the organizers

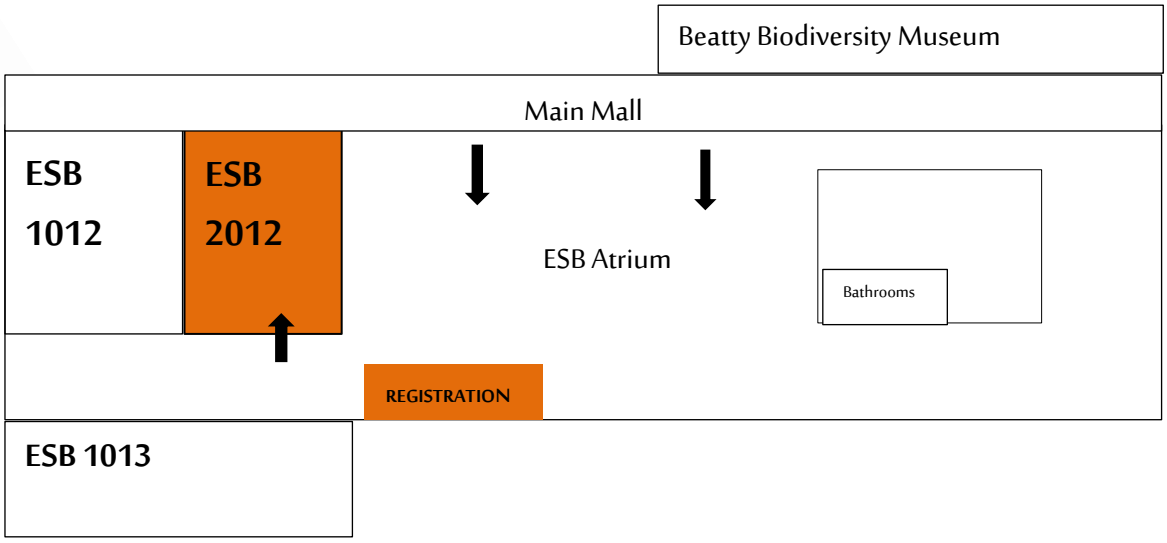
Q: Where can I get refreshments and meals?

For snack or quick meals, please view the list of UBC eateries attached at the end of the program; otherwise the workshop will provide morning coffee and pastries and afternoon coffee breaks

Q: Where can I get directions for campus and the building?

You will find a copy of the building floor on page 3 and a campus map at the end of the program

Conference Room Guide: Earth Science Bldg 2207 Main Mall



General Travel Directions:

UBC Map link: http://www.maps.ubc.ca/PROD/images/pdf/ubcmap.pdf

Airport to UBC: Easiest by taxi (25min, around $30). If your accommodation is at Walter H Gage Towers, please give them the address: *5959 Student Union Boulevard, UBC*. By public transport, take the Canada Line (rail) to Broadway-City Hall station. From Broadway-City Hall station, cross Broadway and Cambie streets to get to the #99 UBC bus stop in front of London Drugs. Tickets (valid for the whole journey to UBC) can be purchased from the machine in the airport station. Cost: approximately $6. Journey time: Circa more than 1 hour

UBC Bus Loop/ Gage to Earth Science Building (ESB) 2207 Main Mall: A quick 10min walk. See UBC map. Head west past the student union building, cross East Mall and get onto Main Mall. Turn left (South) on Main Mall and Earth Science Building will be on your right after a few minutes. It is a large new building, and is on Main Mall directly across from the Beatty Biodiversity Centre and prominent blue whale skeleton.

Public Transit: Feel free to search and plan your public transport rides by visiting http://www.translink.ca/, where directions, ticket costs and bus schedules are indicated.

Parking at UBC: http://www.parking.ubc.ca/visitor.html

Wednesday June 10, 2015

* Schedule is subject to changes and additions.

8:30 am - 8:50 am	Check-In/ Registration (ESB Atrium) & Coffee and Pastries (ESB 2012)
8:50 am - 9:00 am	Welcome Remarks: • **Workshop Organizers** • **Prof. Martin Barlow,** PIMS Interim Director
9:00 am - 10:00 am	**Eric Sawyer**, McMaster University Local boundedness and continuity of weak solutions to infinitely degenerate elliptic equations, with applications to hypoellipticity of certain smooth quasilinear equations with infinite degeneracy
10:00 am -10:30 am	Coffee break (ESB 2012)
10:30 am - 11:30 am	**Arpad Benyi**, Western Washington University Bilinear compactness, commutators and weights
11:30 am - 12:30 pm	**Diego Maldonado**, Kansas State University Analysis on the Monge–Ampère quasi-metric space and applications
12:30 pm - 2:30 pm	Lunch (See list of on Campus eateries and cafes)
2:30 pm - 3:30 pm	**Virginia Naibo**, Kansas State University Recent developments on mapping properties of certain bilinear pseudo-differential operators
3:30 pm - 4:10 pm	Networking and Coffee break (ESB 2012 Lobby)
4:10 pm- 4:30 pm	Contributed Talk 1: **Mathew Coles**, University of British Columbia Resonance in the Nonlinear Schrödinger Equation
4:30pm - 4:50pm	Contributed Talk 2: **Dimitrios Roxana**s, University of British Columbia Global large energy solutions of the equivariant heat-flow

Thursday June 11, 2015

8:30 am - 9:00 am	Coffee and Pastries (ESB 2012)
9:00 am - 10:00 am	**Eric Sawyer**, McMaster University
	Cont'd: Local boundedness and continuity of weak solutions...
10:00 am -10:30 am	Coffee break (ESB 2012)
10:30 am - 11:30 am	**Joonil Kim**, Yonsei University at Korea (University of California at Irvine)
	Oscillatory integrals over global domains
11:30 am - 12:30 pm	**Xinwei Yu**, University of Alberta
	On Stationary Solutions to Doi-Onsager Models
12:30pm - 12:45pm	Group Photo (ESB South Entrance)
12:45pm - 2:30pm	Lunch (See list of on Campus eateries and cafes)
2:30 pm - 2:55 pm	Contributed Talk 3: **Senthil R. Kalirathnam Srinivasagam**, Indian Institute of Science
	L^p-Fourier asymptotics of fractal measures
2:55 pm - 3:20 pm	Contributed Talk 4: **Kazuo Yamazaki**, Washington State University
	On the three-dimensional magneto-hydrodynamics system in scaling-invariant spaces
3:20 pm - 3:45 pm	Coffee break (ESB 2012)
3:45 pm - 4:45 pm	Problem Discussion Session

Friday June 12, 2015

8:30am - 9:00am	Coffee and Pastries (ESB 2012)
9:00am - 10:00am	**Eric Sawyer**, McMaster University
	Cont'd: Local boundedness and continuity of weak solutions...
10:00am -10:30am	Coffee break (ESB 2012)
10:30 am - 11:30 am	**Mike Kouritzin**, University of Alberta
	Simulation and Estimation in Stochastic Differential Equations
11:30 am - 12:30pm	**Deniz Sezer**, University of Calgary
	X-harmonic functions, conditioning, and the Martin boundary of
	Super-Brownian motion
12:30 pm - 2:30 pm	Lunch (See list of on Campus eateries and cafes)
2:30pm - 3:30pm	**Michael Lamoureux**, University of Calgary
	Gabor Multipliers
3:30pm - 3:45pm	Coffee break (ESB 2012)
3:45 pm - 4:05 pm	Contributed Talk 5: **Robert Fraser**, University of British Columbia
	Kakeya-Type Sets in Local Fields with Finite Residue Field
4:05 pm - 4:25pm	Contributed Talk 6: **Tatchai Titichetrakun**, University of British Columbia
	Weighted Removal Lemma and A Multi-dimensional Szemeredi's
	Theorem in the Primes
4:25pm - 4:30pm	Concluding Remarks: Organizers

Titles and Abstracts: Plenary lectures

Arpad Benyi,Western Washington University

Bilinear compactness, commutators and weights

We will present several facts connecting bilinear commutators and the notion of compactness, including results in the context of weighted Lebesgue spaces.

Mike Kouritzin, University of Alberta

Simulation and Estimation in Stochastic Differential Equations

Randomness is prevalent. It appears in images, stock prices, animal movement, packet data, even within living cells. To make valid interpretations and predictions, we must learn how to simulate and process noisy dynamical systems. A most popular way to model noisy dynamical systems is through stochastic differential equations. In this talk, we will introduce new methods of simulation and estimation of stochastic differential equations. In particular, the notions of strong and weak solutions to stochastic differential equations, differential form and commutator conditions for simple explicit solutions to stochastic differential equations, the stochastic partial differential equations of filtering theory and a novel branching particle filter will all be introduced. The efficacy of our methods will be validated by simulation and intuition. References will be given for the rather-involved mathematical proofs.

Michael Lamoureux, University of Calgary

Gabor Multipliers

Introduced as a non-stationary generalization of Fourier multipliers, the Gabor multipliers share many of the characteristics of the familiar pseudodifferential operators that arise in the analysis of partial differential equations. We will demonstrate a functional calculus for these linear integral operators, and demonstrate their use in physical modelling as well as their computational advantages in numerical work. Applications to simulation of wave propagation and non-stationary deconvolution in seismic imaging with be presented.

Diego Maldonado, Kansas State University

Analysis on the Monge–Ampère quasi-metric space and applications

We will start by reviewing the construction of a doubling quasi-metric structure associated to convex solutions of the Monge–Ampère equation det D^2 u = f. Then we will report on the existence of Sobolev and Poincaré-type inequalities adapted to such quasi-metric structure. Finally, we will go over some applications of the resulting first-order calculus, including intrinsic Harnack inequalities for the linearized elliptic and parabolic Monge–Ampère equations.

Virginia Naibo, Kansas State University

Recent developments on mapping properties of certain bilinear pseudodifferential operators

The study of bilinear pseudodifferential operators is motivated by topics in analysis and partial differential equations such as commutators, paraproducts and fractional Leibniz-type rules. In this lecture, we will present an overview of recent results and techniques on boundedness properties of operators with symbols in the bilinear Hörmander classes and in the settings of Lebesgue spaces, Besov and Triebel-Lizorkin spaces, and BMO.

Joonil Kim, Yonsei University at Korea (University of California at Irvine)

Oscillatory integrals over global domains

We discuss about the asymptotic behaviors for the 2D oscillatory integrals with polynomial phase functions.
Especially, we study the cases that (1) the domain of integral is unbounded, or (2) the phase function involves a vector polynomial. Similar problem is measuring a sublevel-set which can be an unbounded set, or an intersection of various different sublevel sets. Our results are described in terms of generalized notions of Newton polyhedra.

Eric Sawyer, McMaster University

Local boundedness and continuity of weak solutions to infinitely degenerate elliptic equations, with applications to hypoellipticity of certain smooth quasilinear equations with infinite degeneracy

The classical DeGiorgi-Nash-Moser theory of local boundedness and continuity of weak solutions to elliptic equations with bounded measurable coefficients has seen significant extension over the decades to the case of subelliptic degeneracy where the appropriate eigenvalues vanish to finite order. In the case where the coefficients are in addition smooth, this theory has been extended even to the infinitely degenerate regime in special cases by Strook, Kusouka, Morimoto, Christ and others. In these three talks we will briefly review these rough subelliptic and smooth infinitely degenerate theories, and introduce a new modification of these ideas that can be used to further extend the theory to the rough coefficient infinitely degenerate regime. We concentrate on model cases where Orlicz spaces play a critical role with submultiplicative Young functions, and a careful determination of properties of infinitely degenerate geometries can be computed. This is ongoing joint work with Ludmila Korobenko, Cristian Rios and Ruipeng Shen.

Deniz Sezer, University of Calgary

X-harmonic functions, conditioning, and the Martin boundary of Super-Brownian motion

In this talk I am going to describe a measure valued stochastic process called Super Brownian Motion(SBM) and how one can obtain certain conditional distributions of this process via X-harmonic functions. I will show an explicit construction of a Super-Brownian Motion conditioned on its exit measure, and discuss the connections of this conditioning to the Martin boundary of Super-Brownian motion.

Xinwei Yu, University of Alberta

On Stationary Solutions to Doi-Onsager Models

We study the Doi--Onsager models with general potential kernel in >dimensions two and higher, with special emphasis on the classical Onsager kernel. We obtain the uniqueness of the trivial solution for low temperatures as well as the local bifurcation structure of the solutions through application of topological degree methods. This is joint work with Dr. Mohammad Ali Niksirat.

Titles and Abstracts: Contributed Talks

Matthew Coles, University of British Columbia

Resonance in the Nonlinear Schrödinger Equation

The focusing Nonlinear Schrödinger Equation exhibits solitary wave solutions (solitons) whose stability is related to the spectrum of a linearized operator. In one space dimension with a cubic nonlinearity this operator has a resonance eigenvalue on the edge of its essential spectrum. When the power in the nonlinearity is perturbed from 3 we see the resonance pop out of the essential spectrum and become a true eigenvalue. We discuss an analytic study of this bifurcation.

Robert Fraser, University of British Columbia

Kakeya-Type Sets in Local Fields with Finite Residue Field

In a 2013 paper, Evan Dummit and Márton Hablicsek published a paper describing a Kakeya set of measure zero in the ring of formal power series over a finite field. I describe how a construction appearing in a 1987 paper of Eric Sawyer, and a modification appearing in a 2004 paper of Laura Wisewell, can be modified to describe measure-zero Kakeya sets in other discrete valuation rings and local fields.

Senthil Raani, Indian Institute of Science

L^p-Fourier asymptotics of fractal measures

One of the basic questions in harmonic analysis is to study the decay properties of the Fourier transform of measures or distributions supported on thin sets in R^n. If dS denotes the surface measure on the sphere and f any compactly supported function on R^n, then using the properties of Bessel functions, the behavior of the Fourier transform of fdS are known at infinity. Similar results are known for measures supported in lower dimensional manifolds in R^n under appropriate curvature conditions. In this talk we discuss L^p-asymptotics of the Fourier transform of fractal measures supported on a set E of finite packing measure by studying the behavior of the Fourier transform of such measures at infinity.

Dimitrios Roxanas, University of British Columbia

Global large energy solutions of the equivariant heat-flow.

We consider m-corotational solutions to the harmonic map heat flow from $\mathbb{R}^2$ to $\mathbb{S}^2, m \geq 2.$. For maps with topological degree zero and energy of the initial data below two times the energy of the stationary harmonic map solutions, we establish global existence and decay. The proof is based on the ``concentration-compactness plus rigidity'' approach of Kenig and Merle and relies on a profile decomposition and the dissipation of energy. If time permits, we will discuss extensions to some higher energy and non-trivial topology cases. (This is based on joint work with S.Gustafson)

Tatchai Titichetrakun, University of British Columbia

Weighted Removal Lemma and A Multi-dimensional Szemeredi's Theorem in the Primes

Multi-dimension Szemeredi theorem, first proved by Furstenburg-Katnelson, states that any given subset of Z^d with positive upper density must contain affine copies of any finite subset of Z^d . In 2004, Green and Tao extended this theorem in case d=1 to primes (with relative density in place of density), using a pseudo-randomness property of primes.
Questions of extending Green-Tao result to higher dimensions left open for some time due to some correlations between elements of the cartesian product of primes, making it hard to satisfiy a randomness condition. This problem is resolved by three methods in 2013 (also due to Tao-Zeigler and Fox-Zhao). In this talk, I will describe our approach using weighted hypergraph . By transferring hypergraph regularity and energy increment arguments to our weighted setting. Then we can use it to prove a simplex removal lemma on the corresponding weighted hypergraph which would imply multi-dimensional Green-Tao Theorem. This is a joint work with B. Cook and A. Magyar.

Kazuo Yamazaki, Washington State University

On the three-dimensional magnetohydrodynamics system in scaling-invariant spaces

Sufficient and necessary conditions for a solution to fluid mechanics PDEs such as the Navier-Stokes equations, magnetohydrodynamics system and surface quasi-geostrophic equations has caught much attention over many decades. We discuss component reduction results of such conditions, that require in their proofs key identities due to divergence-free properties of the solutions and how anisotropic Littlewood-Paley theory has also become useful in the recent years. In connection to the rescaling of the solutions to these PDEs, we also discuss some challenging open problems.

Campus Dining

at the University of British Columbia

From world-class catering to casual dining, coffee shops and internationally-inspired food outlets, UBC offers a delicious assortment of food services solutions. Here is an overview of food service providers certain to deliver a satisfying campus dining experience.

UBC Food Services

www.food.ubc.ca

Serving only locally-roasted fair trade organic shade-grown coffee at all UBC Food Services non-franchise locations

Wescadia Catering

Conference and special event catering

www.catering.ubc.ca

Sage Bistro at University Centre

Casual fine dining available for breakfast, lunch and special events

www.sage.ubc.ca

The Point Grill at Marine Drive Residence

New upscale casual dining restaurant open for brunch, lunch, and dinner. Open M-F

Triple O's at David Lam Research Centre

Casual dining in a family-friendly environment. Open daily

Residence Dining

Totem Park and Place Vanier Cafeterias

For information about group meal plans, please call 604-822-6204 or email rene.atkinson@ubc.ca

Pacific Spirit Place Cafeteria at the SUB

Student Union Building, 6138 Student Union Blvd

Pacific Spirit Place is open weekdays for breakfast and lunch. For information about group meal plans, please call 604-822-9310 or email fred.cheng@ubc.ca

- Bakeshop
- Pasta Bar
- Salad Bar
- Pizza Pizza
- A&W
- Koya Japan
- Manchu Wok
- Subway

Proudly Brewing Starbucks Coffee

- **Starbucks Coffee** at Student Union Building
- **The Barn** at Main Mall
- **Starbucks Coffee** at Fred Kaiser
- **Steamies Café** at the Bookstore
- **Pond Café** at Ponderosa Centre

More Great Locations…

- **Niche Café** at Beaty Biodivesity Museum
- **Caffé Perugia** at Life Sciences Centre
- **Café MOA** at Museum of Anthropology
- **Ike's Café** at Irving K. Barber Learning Centre
- **Tim Horton's** at Forest Sciences Centre

For guests, visitors, or groups visiting the UBC Campus, the UBC Food Services gift card is the easiest way for you and your group to dine at any of our locations.

Food Outlets

at the Student Union Building (SUB)

The SUB features a variety of food outlets all under one roof and conveniently located at the heart of campus. Get a delicious bagel or muffin to go, grab a slice of pizza at Pie R Squared, pick up some freshly made sushi or sit and enjoy a juicy beef burger at Pit Pub. The SUB has something for everyone!

Concourse and Sub-Level

Blue Chip Cookies

Proudly serving organic, fair trade coffees, cappuccinos and lattés. All our cookies and fabulous baked goods are made in-house and baked fresh daily.

Bernoulli's Bagels

Montreal-style bagels, sandwiches, and bagel melts using high-quality ingredients and freshly squeezed vegetable or citrus juice!

The Delly

Fresh sandwiches made to order. A wide selection of salads, wraps, curries, soups and pasta made daily.

The Moon Noodle House

Great wonton soup, daily specials, fresh steamed veggies, combos and hot & sour soup.

The Honour Roll

Maki rolls, nigiri, sushi, donburi rice bowls and bento boxes are made fresh throughout the day. Ask about party platters and catering.

The Patio BBQ

On the south side of the SUB, Monday to Friday (weather permitting) offering grilled 1/4 pound burgers, veggie burgers, smokies and drinks.

The Pit Burger Bar

Charbroiled hamburger specials, veggie burgers, hot wings, beer-battered fish & chips and more!

The Pendulum Restaurant

Delicious grilled sandwiches and panninis, and lots of vegetarian and vegan dishes!

The Pit Pub

Satellite big-screen sports, six high-definition TV's, great drink prices, and a great atmosphere!

Pie R Squared

Great house-made pizza slices, great prices, cold drinks. Now offering soft-serve ice cream and doughnuts.

www.catering.ubc.ca

NEED CATERING? *For catered events or meals on the go, Wescadia Catering offers a multitude of menu ideas to meet a range of dietary needs. We pride ourselves on our knowledgeable, friendly staff, professional service and quality ingredients.*

University Boulevard

Restaurants and Food Outlets

University Boulevard boasts a vibrant neighbourhood feel, and features dozens of places to enjoy a sit-down meal, people-watch over coffee, or grab a quick bite on the run. Visitors will feel right at home choosing from internationally-recognized franchises and unique offerings from local entrepreneurs.

The Boulevard Coffee Roasting Co.

at David Strang, 5870 University Blvd.
theboulevard.ca

Mahony & Sons Public House

at David Strang, 5990 University Blvd.
www.mahonyandsons.com

The Well Café

at Regent College, 5800 University Blvd.

University Village

5700 Block, University Blvd.

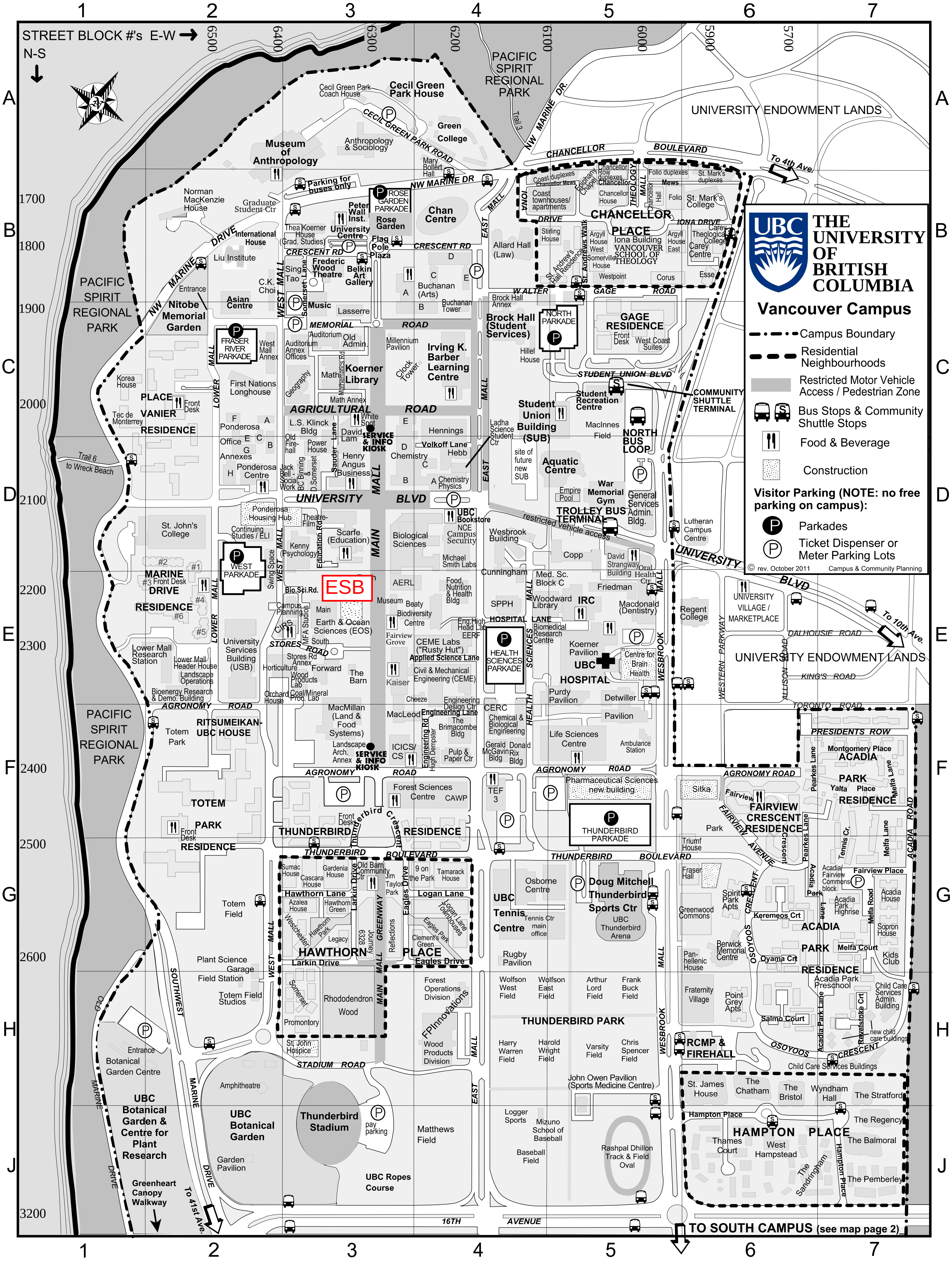
- Blenz — Coffee Shop
- Booster Juice — Juice & Snack Bar
- Mio Japan — Japanese Fast Food
- McDonald's — Breakfast – Late-Night Fast Food
- Pearl Fever — Tea House & Snack Bar
- Pita Pit — Lunch – Late-Night Take-Out & Delivery
- One More Sushi — Japanese Dining
- Only U Café — Deli & Diner
- Starbuck's — Coffee Shop
- University Pizza — Take-Out & Delivery
- Vera's Burger Shack — Diner
- Village Restaurant — Chinese Dining

International Food Fair

University Marketplace, Lower Level

- A-1 Vietnamese Food — Pho & Noodle House
- Curry Point — East Indian
- Donair Town — Persian, Mediterranean, Catering
- Leona Mediterranean Food — Lebanese
- Malaysian Cuisine — Malaysian, Thai
- Osaka Sushi — Japanese
- Timpo Mongolian BBQ — Stir-Fry
- Yi Kou Xiang — Chinese

ALSO RECOMMENDED… ***Westward Ho! PublicHouse & Grill Room*** *at the University Golf Club*
www.universitygolf.com/dine



STREET BLOCK #'s E-W
N-S
1 2 3 4 5 6 7
A B C D E F G H J
6500 6400 6300 6200 6100 6000 5900 5700
1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 3200
THE UNIVERSITY OF BRITISH COLUMBIA
UBC
Vancouver Campus
Campus Boundary
Residential Neighbourhoods
Restricted Motor Vehicle Access / Pedestrian Zone
Bus Stops & Community Shuttle Stops
Food & Beverage
Construction
Visitor Parking (NOTE: no free parking on campus):
Parkades
Ticket Dispenser or Meter Parking Lots
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Campus & Community Planning
ESB
PACIFIC SPIRIT REGIONAL PARK
UNIVERSITY ENDOWMENT LANDS
Cecil Green Park Coach House
Cecil Green Park House
CECIL GREEN PARK ROAD
Green College
Museum of Anthropology
Anthropology & Sociology
Mary Bollert Hall
NW MARINE DR
NW MARINE DR.
CHANCELLOR
BOULEVARD
To 4th Ave.
Trail 3
Parking for buses only
ROSE GARDEN PARKADE
Rose Garden
Chan Centre
Peter Wall Inst.
Norman MacKenzie House
Graduate Student Ctr
Thea Koerner House (Grad. Studies)
University Centre
International House
Flag Pole Plaza
CRESCENT RD
Liu Institute
Frederic Wood Theatre
Belkin Art Gallery
Sing Tao
C.K. Choi
Buchanan (Arts)
Buchanan Tower
Allard Hall (Law)
Nitobe Memorial Garden
Entrance
Asian Centre
Music
Lasserre
MEMORIAL ROAD
Auditorium
Auditorium Annex Offices
Old Admin.
Millennium Pavilion
Irving K. Barber Learning Centre
Koerner Library
Math
Clock Tower
Geography
Mathematics Rd
Math Annex
FRASER RIVER PARKADE
West Mall Annex
Korea House
First Nations Longhouse
PLACE VANIER RESIDENCE
Front Desk
Tec de Monterrey
AGRICULTURAL ROAD
L.S. Klinck Bldg
White Spot
David Lam
SERVICE & INFO KIOSK
Hennings
Volkoff Lane
Hebb
Chemistry
Power House
Old Fire-hall
Henry Angus (Business)
Ponderosa Office Annexes
Ponderosa Centre
Jack Bell - Social Work
BC Binning
D Somerset
Sauder Lane
Chemistry Physics
Trail 6 to Wreck Beach
UNIVERSITY BLVD
Ponderosa Housing Hub
Theatre-Film
Continuing Studies / ELI
Scarfe (Education)
Kenny (Psychology)
Education Rd
MAIN MALL
Biological Sciences
UBC Bookstore
NCE Campus Security
Michael Smith Labs
St. John's College
MARINE DRIVE RESIDENCE
Front Desk
WEST PARKADE
Swing Space
Bio.Sci.Rd.
AERL
Food, Nutrition & Health Bldg
Museum
Beaty Biodiversity Centre
Campus Planning
Main
Earth & Ocean Sciences (EOS)
South
CIRS
MFA Studios
STORES ROAD
Stores Rd Annex
Fairview Grove
Eng. High Head Lab
EERF
CEME Labs ("Rusty Hut")
Applied Science Lane
Civil & Mechanical Engineering (CEME)
Lower Mall Research Station
Lower Mall Header House
Landscape Operations
University Services Building (USB)
Horticulture
Forward
Wood Products Lab
The Barn
Kaiser
Bioenergy Research & Demo. Building
Orchard House
Coal/Mineral Proc. Lab
Cheeze
Engineering Design Ctr
AGRONOMY ROAD
MacMillan (Land & Food Systems)
MacLeod
Engineering Lane
The Brimacombe Bldg
RITSUMEIKAN-UBC HOUSE
Totem Park
Landscape Arch. Annex
ICICS/CS
Pulp & Paper Ctr
Engineering Rd
Hugh Dempster
Forest Sciences Centre
CAWP
TOTEM PARK RESIDENCE
THUNDERBIRD RESIDENCE
Thunderbird Crescent
Front Desk
Brock Hall Annex
Brock Hall (Student Services)
W ALTER GAGE ROAD
NORTH PARKADE
GAGE RESIDENCE
Front Desk
West Coast Suites
Hillel House
STUDENT UNION BLVD
COMMUNITY SHUTTLE TERMINAL
Student Recreation Centre
Student Union Building (SUB)
MacInnes Field
NORTH BUS LOOP
Ladha Science Student Ctr
site of future new SUB
Aquatic Centre
War Memorial Gym
Empire Pool
General Services Admin. Bldg.
TROLLEY BUS TERMINAL
restricted vehicle access
Wesbrook Building
Copp
David Strangway Building
Oral Health Ctr
Cunningham
Med. Sc. Block C
Friedman
Woodward Library
IRC
Macdonald (Dentistry)
SPPH
HOSPITAL LANE
Biomedical Research Centre
HEALTH SCIENCES PARKADE
Koerner Pavilion
Centre for Brain Health
UBC HOSPITAL
Purdy Pavilion
Detwiller Pavilion
CERC
Chemical & Biological Engineering
Life Sciences Centre
Ambulance Station
Gerald McGavin Bldg
Donald Rix Bldg
AGRONOMY ROAD
Pharmaceutical Sciences new building
TEF 3
THUNDERBIRD PARKADE
HEALTH SCIENCES MALL
WESBROOK MALL
EAST MALL
WEST MALL
LOWER MALL
Coast duplexes
Chancellor Mews
Coast townhouses/apartments
Chancellor Row duplexes
Chancellor Hall
Chancellor House
Folio duplexes
Mews
Folio
St. Mark's duplexes
St. Mark's College
IONA DRIVE
CHANCELLOR PLACE
Epiphany Chapel
THEOLOGY MALL
Stirling House
Argyll House West
Iona Building
VANCOUVER SCHOOL OF THEOLOGY
Argyll House East
Carey Theological College
Carey Centre
St. Andrew's Walk
St. Andrew's Hall Residence
Somerville House
Westpoint
Corus
Esse
Lutheran Campus Centre
UNIVERSITY BLVD
To 10th Ave.
UNIVERSITY VILLAGE / MARKETPLACE
Regent College
DALHOUSIE ROAD
KING'S ROAD
TORONTO ROAD
WESTERN PARKWAY
ALLISON ROAD
PRESIDENTS ROW
Montgomery Place
ACADIA PARK RESIDENCE
Yalta Place
Melfa Lane
Peakes Lane
ACADIA ROAD
AGRONOMY ROAD
Sitka
Fairview
FAIRVIEW CRESCENT RESIDENCE
FAIRVIEW AVENUE
Park
Triumf House
Fraser Hall
Fairview Place
Acadia Fairview Commons block
Acadia Park
Acadia Park Highrise
Acadia House
Tennis Cr.
Spirit Park Apts
Greenwood Commons
Keremeos Crt
Sopron House
Melfa Court
Kids Club
Berwick Memorial Centre
OSOYOOS CRESCENT
Oyama Crt
Pan-hellenic House
Fraternity Village
Point Grey Apts
Acadia Park Preschool
Child Care Services Admin. Building
Salmo Court
Revelstoke Crt
Acadia Park Lane
new child care buildings
Child Care Services Buildings
THUNDERBIRD BOULEVARD
Sumac House
Cascara House
Gardenia House
Old Barn Community Ctr
Jim Taylor Park
9 on the Park
Tamarack House
Hawthorn Lane
Logan Lane
Azalea House
Hawthorn Green
Larkin Drive
Westchester
Hawthorn Park
Legacy
6328 Journey
GREENWAY
Reflections
Logan Lane Townhouses
Eagles Park
Clement's Green
Eagles Drive
HAWTHORN PLACE
Somerset
Rhododendron Wood
Promontory
St. John Hospice
Totem Field
Plant Science Garage
Field Station
Totem Field Studios
SOUTHWEST MARINE
Osborne Centre
Doug Mitchell Thunderbird Sports Ctr
UBC Thunderbird Arena
UBC Tennis Centre
Tennis Ctr main office
Rugby Pavilion
Forest Operations Division
Wolfson West Field
Wolfson East Field
Arthur Lord Field
Frank Buck Field
FPInnovations
Wood Products Division
THUNDERBIRD PARK
Harry Warren Field
Harold Wright Field
Varsity Field
Chris Spencer Field
RCMP & FIREHALL
John Owen Pavilion (Sports Medicine Centre)
STADIUM ROAD
Entrance
Botanical Garden Centre
Amphitheatre
UBC Botanical Garden & Centre for Plant Research
UBC Botanical Garden
Thunderbird Stadium
pay parking
Matthews Field
Logger Sports
Mizuno School of Baseball
Baseball Field
Rashpal Dhillon Track & Field Oval
Garden Pavilion
UBC Ropes Course
Greenheart Canopy Walkway
OLD MARINE DRIVE
MARINE DRIVE
To 41st Ave.
16TH AVENUE
TO SOUTH CAMPUS (see map page 2)
St. James House
The Chatham
The Bristol
Wyndham Hall
The Stratford
Hampton Place
The Regency
HAMPTON PLACE
Thames Court
West Hampstead
The Sandringham
The Balmoral
Hampton Place
The Pemberley

Map Directory

SOUTH CAMPUS MAP

Campus & Community Planning
www.planning.ubc.ca

Note:
Local traffic only along Wesbrook Mall on South Campus

Map Information

Need help finding your way on campus? Call the Campus & Community Planning MapInfo Line at 604-827-5040, M-F, 8:30-4:30

Or use the online searchable colour map at www.maps.ubc.ca