

Research Projects by Academic Staff

There are about 700 research projects just completed or currently undertaken by academic staff of the University. Below are some examples:

Faculty of Arts

Title	Area
An Examination of the evolution of formulaic phrases and poetic forms in the excavated Zhou texts and the Book of Odes	Literature & Linguistics
The Rise and Development of Gongti Yongwu Ci in the Ming and Qing Dynasties 明清宮體詠物詞的形成與發展	Classical Literature
A Study of Chinese Contemporary Urban Fiction 中國當代城市小說研究	Contemporary Literature
Three Unheeded Facets of Early Chinese Literature and Culture	Literature & Culture
An Examination of the Evolution of Formulaic Phrases and Poetic Forms in Western Zhou Bronze Inscriptions and the Book of Odes	Literature & Linguistics
蕭紅與香港：居港作品研究、目錄彙編與居留地的考察	Modern Literature
Community Interpreting in Hong Kong (On-going, November 2010 - November 2012)	Translation
Training Future Translation Studies (TS) Scholars: The Role of Postgraduate TS Research Programmes in Hong Kong (Completed, September 2009 - August 2011)	Translation
Museums, Language and Cross-Cultural Communication: Bilingual/Multilingual Museum Texts and their Production: A Study of Hong Kong, Macau and Guangzhou (Completed, January 2009 - June 2011)	Translation
An Anthology of Chinese Discourse on Translation: From the Thirteenth Century to the Revolution of 1911 (Completed, September 2007 - January 2010)	Translation
Contemporary American Indian Mixedblood Literature	Literature
A Study of the Visual and Linguistic Elements in Hypertext Resources for Learning English and Their Effectiveness on Users	Linguistics
A Corpus-based Study of the Chinese Aspectual System at the Verbal Level, the Sentential Level and the Discourse Level	Linguistics
Diachronic Changes in Linguistic Gender References in Papal Writings	Gender and Language
A Study of L2 Chinese Essay Writing – A Corpus-based Text Analysis of Linguistic Rhetorical Features, and a Writing Process Analysis	Linguistics
Code-mixing and Its Educative Influence on the Development of L2 Competence	Linguistics
A Linguistic Account of Emotion-cause Interaction in English	Linguistics
Synesthesia: New Multimedia Works Integrating Real-time Digital Signal Processing and Interactive Graphics	Music Composition/ Intermedia
Vocal-Instrumental Interaction in Chinese-Western Fusion Concertos	Musicology
Development of Music Education in the 21st Century: Cultural and Policy Issues	Music Education
The Relationship Between Musical Aptitude, Musical Achievement, and Academic Aptitudes: Implications for Student Diversity and Education (Public Policy Research)	Music Education
Musical Aptitude Profiles and Student-centered Curriculum Development (Quality Education Fund)	Music Education
Chinese-Western Fusion Music Experimentation in Pre-1949 Shanghai	Musicology
Keys to the Kingdom: A documentary study of the pipe organ in China	Musicology
Catholicism and Civil Society: A Comparative Study of the Secularization and Descularization of the Catholic in Mainland China, Hong Kong, Macau, and Taiwan.	Sociology of Religion and Sino-Christian Studies
Chinese Just War Ethics: Ancient Thought, Contemporary Explications, and Comparative Analysis	Ethics
Commentary on Kant's Religion within the Bounds of Bare Reason	Philosophical Theology; Theory of Religion; Philosophy of Religion
Creative History of Chinese Philosophy: Phase I	Chinese Philosophy

Title	Area
Protection of minority shareholders after the New Company Law: 26 case studies	Company Law
The Contribution of Stock Repurchases to the Value of the Firm and Cash Holdings Around the World	Corporate Governance
Value Relevance of Discretionary Accruals in the Asian Financial Crisis of 1997-1998	Financial Accounting and International Accounting
The Role of International Financial Reporting Standards in Accounting Quality: Evidence from the European Union	International Accounting
Identifying and Testing for Moral Hazard in French Automobile Insurance Market	Econometrics
Heavy Industrialization and Productivity Growth – A Study of Guangdong Province	Chinese Economy; Productivity Growth
The Covariance Sign of Transformed Random Variables with Applications to Economics, Finance and Insurance	Statistics
Geographic Concentration and the Dynamics of Changes of Chinese Industries	Regional Economics; Chinese Economy
QFII, Corporate Governance and Stock Price Informativeness	Corporate Finance
Which Firms Benefit from Bribes, and How Much? Evidence from Worldwide Corruption Cases	Corporate Governance
Why Members Continue to Share Knowledge in Virtual Knowledge Communities: a Longitudinal Study	Knowledge Management, Virtual Community, IS Continuance
Union Commitment and Participation in Foreign-invested Enterprises in China's Pearl River Delta Region	Industrial Relations; HRM, Organisational Behaviour
Employer Strategies and the Minimum Wage in Hong Kong	Industrial Relations; HRM, Public Policy.
Age Diversity and Firm Performance in an Emerging Economy, Implications for Human Resource Management in Chinese Societies	Human Resources Management
Top Management Team Cognitive Diversity, Team Mechanisms, and Firm Performance: The Moderating Role of Top Management Team Interdependence	Strategic Leadership
The Effects of Lean Production Work Practices on Occupational Stress: a Case of Hong Kong Owned Manufacturers in the Pearl River Delta	Management Best Practice
A Process Model of Job Insecurity: the Mediating Role of Affective Job Insecurity	OB Stress
Top Management Team Diversity, Team Mechanisms, and Firm Performance: the Moderating Role of CEO Empowering Leadership	Strategic Leadership
Estimating Value-at-Risk under a Heath-Jarrow-Morton Framework with Jump	Risk Management
China's Greely Automotive: A Case Study of Corporate Sustainability	Socially Responsible Marketing
The Moderation Effect of Social Responsible Climate on the Relationship between Work-Nonwork Conflict of Service Employees and Their Participation in Voluntary Community Services	Socially Responsible Marketing
An Annual Survey of Socially Responsible Consumption (SRC) in Hong Kong	Socially Responsible Marketing
Information Sharing and its Extrinsic and Intrinsic Drivers: The Moderating Roles of Relational Capital, Procedural Justice and CSR	Socially Responsible Marketing
How to Promote Employee Volunteerism in Corporate Social Responsibility (CSR) Endeavors? Effects of Idiosyncratic Deals on Volunteer Work-related Outcomes	Socially Responsible Marketing
The Moderating Role of Attribution in Perceived Justice and Customer Satisfaction: An Investigation of Service Recovery in Three Industries for Corporate Sustainability	Socially Responsible Marketing
The Use of Corporate Social Responsibility (CSR) initiatives to Combat Counterfeit Consumption: A Social Identity Perspective	Socially Responsible Marketing

School of Chinese Medicine

Title	Area
Chinese Herbal Medicine for Inflammatory Bowel Disease	Clinical Studies
Provision of Systematic Review of Chinese Herbal Formulae for the Treatment of Common Chronic Diseases	Clinical Studies
Analgesic Mechanisms of Electroacupuncture for Neuropathic Pain	Clinical Studies
Neural Signaling in Symmetrical Joint Inflammation and the Treatment Effect of Acupuncture: A Functional Proteomic Approach	Clinical Studies
Nerve Growth Factor-mediated Enteric Neuronal Plasticity Contributes to Neonatal Maternal Separation-induced Visceral Hyperalgesia in Rats	Laboratory and Animal Studies
Studies on the Relationship between the Efficacy and Toxicity of Chinese Medicine and the Bioavailability Barrier in Liver and Intestine	Laboratory and Animal Studies
A Study on the Correlation between Glucose-induced Oxidative Stress and Endoplasmic Reticulum Stress in the Vascular Tissues of Diabetic Rats	Laboratory and Animal Studies
Salvianolic Acid B and Cryptotanshinone Decrease b-amyloid Eeneration by Stimulating Npn-amyloidogenic Pathway of Amyloid Precursor Protein Secretion	Laboratory and Animal Studies
170 Visual Authentication of Medicinal Plants	Herbal Drug Authentication
Ethnobotaniacal Study of Medicinal Plants Used by Hakka	Herbal Drug Authentication
Comparative Study on the Chemical Composition and Anti-platelet Aggregation Activity of Imported and Domestic Dragon's Blood	Herbal Drug Authentication
Role of Transcription Factor NF-κB in Vitamin D Receptor Function and Cancer Drug Discovery	Molecular Pharmacology
Discovery and Development of Biomarkers for Evidence-based Chinese Medicines Using the Proteomic Technology Platform	Molecular Pharmacology
Investigation of the Molecular Events Associated with the Anticancer Effects of Four Pure Botanical Saponins that may Target the Ras-Raf-MAPK	Molecular Pharmacology
Establishment of a Mass Spectrometry Platform for Chinese Medicine Research	Molecular Pharmacology
Studies on the Effective but Toxic Chinese Medicinal Herbs - The Toxicological and Chemical-chemical Interactive Behaviours	Molecular Pharmacology
Nerve Growth Factor (NGF) Signaling in the Generation and Maintenance of Colonic Motility Disorder Induced by Neonatal Maternal Separation	Molecular Pharmacology
The Effect of Salvianolic Acid B Combined with Laminar Shear Stress on TNF-α-stimulated Adhesion Molecule Expression in HAECs	Molecular Pharmacology
Salvianolic Acid B Inhibits Aβ Fibril Formation and Disaggregates Preformed Fibrils and Protects Against Aβ-induced Cytotoxicity	Molecular Pharmacology
Baicalein Prevents 6-OHDA-induced Cytotoxicity and Inhibits Aggregation of Amyloidogenic Polypeptides Relevant to Neurodegenerative Diseases	Molecular Pharmacology
Molecular Mechanisms by Which Schisandrin B Lowers Hepatic Lipid	Molecular Pharmacology
The Potential of Vinca Alkaloids in Modulating the Invasiveness and Migration of Colon Cancer Cells	Molecular Pharmacology
Development of Thermo-sensitive Immunoliposome for Controlled Delivery of Chemotherapeutic Agent to Cancer Cells	Molecular Pharmacology

School of Communication

Title	Area
Chinese-language Film and Hollywood	Academy of Film
Taiwan Film Directors	Academy of Film
Hong Kong New Wave Cinema	Academy of Film
Hong Kong TVB and Globalization	Academy of Film
Theory of Drama	Academy of Film
Hong Kong Cinema of Turbulence	Academy of Film
Documentary Film Movement	Academy of Film
Hong Kong Documentary Film	Academy of Film
Chinese Wenyi and Melodrama	Academy of Film
Intertextuality and Authorship in Cinema	Academy of Film
The Chinese Movie Industry and Globalization	Academy of Film
Aesthetics of Chinese Film	Academy of Film
Perception of Gender Roles and Gender Identities among Canadian Chinese Adolescence Girls	Communication Studies
Perception of Creativity and Age in Work Place	Communication Studies
Communicate Healthy Eating to Adolescents in Hong Kong	Communication Studies
Content Analysis of Nutrition Information in Food Advertisement in Hong Kong	Communication Studies
Parental Concern about Food Advertising to Children in Hong Kong	Communication Studies
Factors Influencing the Spread of Rumor	Communication Studies
Communicative Approach to Host Environment and Cross-Cultural Adaptation	Communication Studies
Information Exposure, Perceptions and Attitudes about Persons with a Disability	Communication Studies
Conflict Management in Three Taiwanese Organizations	Communication Studies
Developing An Environmental Scanning Model for Public Issues in China	Communication Studies
Government Relations and Business Lobbying in China	Communication Studies
Risk Perception, New Media, Culture in Risk Communication	Communication Studies
Effectiveness of Public Communication	Communication Studies
Non-financial Indicators of Public Relations Effectiveness	Communication Studies
Assessing Celebrity Endorsement Effects in China: A Consumer-Celebrity Relational Approach	Communication Studies
Communication and Nationalism	Journalism
Journalism and Social Change	Journalism
Journalism and New Media	Journalism
News and Politics	Journalism
News Media Management	Journalism
Broadcasting Policy	Journalism
Chinese Media Reform	Journalism
Media Literature and Education	Journalism
International Journalism	Journalism
Hong Kong Media Performance	Journalism
Business and Financial Journalism and Its Interplay with the Industry	Journalism

Faculty of Science

Title	Area
Mercury Contamination in Freshwater and Marine Fish Cultivated around the Pearl River Delta and its Health Risk Assessment	Environmental Research
Water Stress on Crop Production: From Molecular Mechanisms to the Crops in the Field	Plant Physiology and Crop Production
Redox signaling in plant stress responses and development	Plant Molecular Biology and Functional Genomics
Environmental Screening, Computational and Biological Characterization of Endocrine Disruptors, in Respect to Receptor Binding, Embryo and Gonad.	Molecular Endocrinology and Toxicology
Neuroprotective Strategies in Cell and Animal Models of Parkinson's Disease	Neuro-degenerative Disease
Mass Spectrometry Method Development and Applications for Metabolic Phenotype Associated with Toxic Effects of 2,3,7,8-TCDD	Analytical Chemistry
Probing the Environmental Fate of Sucralose	Environmental Sciences
Development of Organelle-Targeting Porphyrin-Based Bifunctional Two-Photon Tumor-Imaging and Photodynamic Therapeutic Agents	Material Chemistry
Molecular and Polymeric Organometallic Semiconductors for High-Performance Solution-Processed Organic Thin-Film Transistors	Material Science
Novel Organic Semiconductors Based on Donor-Acceptor - Conjugated Molecular Systems for Optoelectronic and Nonlinear Optical Applications	Material Chemistry
Privacy-Conscious Query Authentication for Outsourced and Cloud Databases	Database
A Stage-Varying Methodology That Can Reconstruct the Dynamic Gene Regulations During the Process of Cancer Progression From Stage-course Transcriptional Data	Health Informatics
Development of an Infrared-Spectrum-Based Recognition System for Identifying Chinese Herb Species, Their Origins and Modes of Growth Simultaneously	Machine Learning and Image Processing
Strategic Development of Health IT	Health Informatics
High Throughput Protein Identification from Mass Spectrometry Data on GPU Clusters	High Performance Computing
On Inference and Variable Selection for Semiparametric Models with High Dimensional Predictors	Statistics
Spectral Postprocessing for Differential Equations: Numerics and Analysis	Scientific Computing
The Study on Some Spectral Properties of Fullerene Molecules	Graph Theory
Efficient Total Variation Minimization Models and Image Restoration Applications	Image Processing
The Optimization Approach for Large-scale Sparse Feature Reduction	Optimization
Bio-Imaging and Modeling of Cell Dynamics	Biophysics/ System Biology
Biophotonics and Laser Spectroscopy	Bio and Chemical Physics
Theoretical Analysis and Modeling of Biological Networks	Statistical Physics/Systems Biology
Complex Adaptation and Self-organization in Dynamical Complex Networks	Complex Nonlinear Systems
Quantum Interference Effects in Quantum Optics	Quantum Optics
Organic Electronics Materials and Devices	Organic Electronics
Metamaterials, Photonic Crystal and Plasmonics	Photonics
Hybrid Molecular Electronics Nano-materials for Photovoltaics	Molecular Electronics

Faculty of Social Sciences

Title	Area
Building a Learning Community for Teacher Education through an Interactive Video Database	Education Studies
Autobiography as Pedagogy: Time, Narrative Identity and Symbolic Control	Education Studies
The Role of Epistemological Understanding in Developmental Changes, Prediction and Enhancement of Students' Argumentation Skills on Social Issues	Education Studies
An Exploratory Study of Primary Music Teachers' Concerns about Inclusive Music Teaching	Education Studies
Investigating the Impact of Fine-tuning Medium of Instruction Policy on Teaching and Learning in Hong Kong	Education Studies
Spatial Strategy, Planning and State Governance in China	Geography
Residential Inequalities in Urban China under Spatial Restructuring	Geography
Later Quaternary Palaeoenvironmental Reconstruction in the Oltepesi Region, Southern Kenya Rift: A Multiproxy Approach.	Geography
Urban Form Remaking, Car-Dependence and Traffic Congestion in Urban China	Geography
Seeking Resolutions: How Local States in China Handle Workers' Collective Action	Government and International Studies
Reshaping State-Labor Relations in China: Conflict and Accommodation	Government and International Studies
The Shanghai Cooperation Organisation and Afghanistan	Government and International Studies
The Emergence of Sino-African Relations: A Comparative Study of the Drivers Determining African Countries' Relations with China	Government and International Studies
A Study on Female Literary Groups in Qing Dynasty	History
Islamic Endowments [the <i>Waqf</i>] and the Chinese Ancestral [Tong 堂]: A Comparative Appraisal of the Evolution of Ethical Capitalism, 1830-2007	History
Re-examining Chinese History with a Gender Perspective: Introduction to New Teaching and Learning Approaches	History
The Centenary History of St. Paul's Church, Hong Kong	History
The Effects of Resilience Training for Hong Kong Junior Athletes	Physical Education
The Effects of 8-week of Indoor and Outdoor School Based Recreational Swimming Programmes on Selected Cardio-respiratory Functions of Secondary School Students	Physical Education
Integrating SMS into PA Intervention for Hong Kong Chinese Adolescents: The Effects of SMS Delivery Frequency and Timing	Physical Education
Effects of an Adapted Stepping program on Balance Efficacy, Static Balance, and Dynamic Balance in Older Adults	Physical Education
Educational Stratification in China – A View from the Top	Sociology
Globalization, Democratization, and the Reconfigured Developmental State: South Korea and Taiwan	Sociology
Rebuilding 'Community' as Globalization-From-Below: Community-based Development in a Distressed Hong Kong Neighborhood	Sociology
Transnational Pilgrimage, Tourism and Identity Politics: An Anthropological Study of the Cult of Mazu (The Goddess of Heaven)	Sociology
Visioning the Misery and Coping of Men in Divorce	Social Work
The Plight of Men in Grief – The Journey of Coping with Family Suicidal Events	Social Work
An Exploratory Study on Grandfamilies in Hong Kong: Experiences of the Grandchildren	Social Work
Employment Enhancement Measures and Social Quality of People with Learning Difficulties	Social Work
Casino Employees in Macau – The Impacts of Family Relationships	Social Work

Academy of Visual Arts

Title	Area
Community Based Art and Architectural Appreciation	Arts Education
Handbook for Arts Educators Working in School	Arts Education
Hong Kong Popular Culture in Visual Arts Education	Arts Education
Research and Development Projects for Arts Education	Arts Education
Understanding the Problem-solving Pattern in a Problem-based Art Learning Environment in Local School Context	Arts Education
Training Manual and Pilot Teaching Scheme on Arts Criticism	Arts Education, Art Criticism
National Arts Education Scheme on 'New China: Then and Now'	Art Education, Contemporary Chinese Art History
An Eye for Beauty: A Study on Visitors' Reception at the Hong Kong Museum of Art	Arts Management, Museology
Experimenting Exhibition, Exhibiting Experiments	Arts Management
A Study of Twentieth-Century Hong Kong Seal Engraving	Chinese Calligraphy
Calligraphic Three Dimensionality	Chinese Calligraphy
Chinese Calligraphy in Twentieth-Century Hong Kong: Viewing Art from Cultural, Social, and Economic Perspectives	Chinese Calligraphy
Han Yunshan (韓雲山): Styles and the Art of Calligraphy of a Scholar-Artist in Hong Kong	Chinese Calligraphy
The Marker of Public Space: Chinese Calligraphy in Twentieth-Century Hong Kong	Chinese Calligraphy
Typographic Culture of Hong Kong	Graphic Design, Typography
Rise and Fall of Spatial Histories - a full-length moving image art work	Media Art
From Reformism to Eclecticism: Kang Youwei's 康有為 (1858 - 1927) Theory and Practice of Calligraphy	Modern Chinese Art History, Chinese Calligraphy
Systems Perspective on Artistic Development: Artists as Sources for Concept Development	Studio Art Practice
Systems of Transference: A New Visual Language	Studio Art Practice
Trace and Transfer	Studio Art Practice
A Survey of the Caricatures in the 1930s Hong Kong	Visual Arts Studies
Creative Visual Art Research Programme, Beijing	Visual Arts Studies
Expression and Manifestation: A Re-interpretation of the History of Hong Kong Art Since 1967	Visual Arts Studies
Hong Kong Arts Markets - Defining and Mapping	Visual Arts Studies
Search for Hong Kong Story	Visual Arts Studies
The (Art) Community: A Pilot Study of Artist Villages in Hong Kong	Visual Arts Studies
The (Art) Community: A Pilot Study of Art Galleries in Central District	Visual Arts Studies
The Curation and Management of Exhibition Space at Shanghai Street Artspace	Visual Arts Studies
Witness of Hong Kong Art	Visual Arts Studies