

Research Performance

in the

Faculty of Dentistry,
University of Hong Kong

for the visit of

Prof. Sir Colin Dollery

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Research Performance

Dental Materials Science Unit

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Oral Biology Unit

DENTAL MATERIALS SCIENCE UNIT

Research Performance

Dental Materials Science Unit

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6. Current Research Projects: Dr. B.W. Darvell (07849)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	12.86 Development of density in radiographic screen film (07849001)	1) Dental Research Fund	8,770	335/263/0004
(2)	6.87 Rheology of dental waxes (07849002)	1) Dental Research Fund	276,174	335/263/0005
(3)	1.88 Multiple chemical equilibrium calculations (07849003)	Nil		
(4)	8.89 Calcium phosphate system of saliva (II) (12727002)	Nil		
			Total :	<u>284,944</u>
<u>(B) As Co-investigator</u>				
(5)	1.86 Deterioration of Gypsum Products (07820001)	Nil		

June 21, 1991.

6. Current Research Projects: Dr. N.H. Ladizesky (12141)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	5.86 Dental resins reinforced with highly drawn polyethylene fibres (12141001)	** 1) CRCG 2) Dental Research Fund	174,000 265,808	335/263/0003 ''
(2)	4.89 The integration of dental resins with highly drawn polyethylene fibre reinforcement (12141002)	Nil		
			Total :	<u>439,808</u>

*** (Total CRCG award : \$174,000) ***

(B) As Co-investigator

Nil

June 22, 1991.

6. Current Research Projects: Dr. V.W.H. Leung (12727)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A)	<u>As Principal Investigator</u>			
(1)	8.89 Calcium phosphate system of saliva (II) (12727002)	Nil		
(B)	<u>As Co-investigator</u>			
	Nil			

June 21, 1991.

DENTAL TECHNOLOGY UNIT

Research Performance

Dental Technology Unit

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6. Current Research Projects: Mr. A. Torrance (07820)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A)	<u>As Principal Investigator</u>			
(1)	1.86 Deterioration of Gypsum Products (07820001)	Nil		
(B)	<u>As Co-investigator</u>			
	Nil			

June 21, 1991.

DEPARTMENT OF CHILDREN'S DENTISTRY & ORTHODONTICS

Research Performance

Department of Children's Dentistry & Orthodontics

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6. Current Research Projects: Dr. J.C.Y. Chan (14033)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	4.88 The use of fluoride toothpaste and enamel fluorosis in children in Hong Kong. (14033001)	1) Dental Research Fund	3,800	335/251/0013
			Total :	<u>3,800</u>
<u>(B) As Co-investigator</u>				
(2)	4.88 The determination of the amount of fluoride ingested during toothbrushing by a group of mentally handicapped children, using a sodium fluoride dentrifice (10724001)	1) Dental Research Fund	13,000	335/251/0014
(3)	6.88 Dietary sources and intake of fluoride and enamel fluorosis in children in Hong Kong (11326001)	1) UPGC (For projects below \$150,000) 2) Strategic Research Fund	100,000 253,690	337/251/0002 336/251/0054
			Total :	<u>366,690</u>

June 22, 1991.

6. Current Research Projects: Dr. M.S. Cooke (07839)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A)	<u>As Principal Investigator</u>			
(1)	4.90 The validity and precision in cephalometric measurements (07839001)	** 1) CRCG	43,000	335/251/0018
			Total :	<u>43,000</u>

*** (Total CRCG award : \$43,000) ***

(B) As Co-investigator

(2) 6.90 The integumental profile of the 12 years old Southern Chinese child (08669003) Nil

June 22, 1991.

6. Current Research Projects: Dr. P.J. Davis (08669)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A)	<u>As Principal Investigator</u>			
(1)	1.89 Hypodontia in Hong Kong school children (08669005)	Nil		
(2)	5.89 Supernumerary teeth in Hong Kong school children (08669004)	Nil		
(3)	1.90 A combined orthodontic and prosthodontic approach to the problem of tipped abutment molars (08669002)	Nil		
(4)	3.90 The relationship of age to dental development (08669001)	Nil		
(5)	6.90 The integumental profile of the 12 years old Southern Chinese child (08669003)	Nil		
(B)	<u>As Co-investigator</u>			
	Nil			

June 22, 1991.

6. Current Research Projects: Dr. E.U.O. Hagg (15633)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	1.87 The emergence of the primary dentition in a developing country (15633003)	1) SAREC		
(2)	4.90 The validity and precision in cephalometric measurements (07839001)	** 1) CRCG	43,000	335/251/0018
(3)	6.90 Evaluation of post-natal growth (15633002)	Nil		
(4)	6.90 Adolescent growth and development (15633004)	Nil		
(5)	7.90 The need and demand of orthodontics among adults in Hong Kong (15633001)	1) UPGC (For projects below \$150,000)	75,000	337/251/0001
			Total :	<u>118,000</u>
			*** (Total CRCG award : \$43,000) ***	
<u>(B) As Co-investigator</u>				
(6)	5.89 A cross-sectional oral health survey of Chinese students attending the University of Hong Kong (12972001)	** 1) CRCG	20,000	335/251/0017
(7)	3.90 The relationship of age to dental development (08669001)	Nil		

Dr. E.U.O. Hagg (15633)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(8)	5.90 The evaluation of growth changes after surgical repair of clefts of the lip and palate (14695002)	1) UPGC (For projects below \$150,000)	109,000	337/253/0001
			Total :	<u>129,000</u>

June 22, 1991.

6. Current Research Projects: Dr. N.M. King (07840)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	1.81 An investigation to evaluate the effect of some environmental and genetic factors on the prevalence and histological appearance of developmental enamel defects in the permanent teeth of southern Chinese (07840001)	1) Dental Research Fund	143,289	335/251/0002
(2)	1.82 A longitudinal clinical study of teeth in neonates in Hong Kong (07840002)	Nil		
(3)	1.86 Structural defects in human dental enamel with special references to so-called "inclusion bodies" (07840003)	1) Dental Research Fund	5,550	335/251/0009
(4)	5.89 A clinical and microscopic investigation of the effects of bleaching discoloured dental enamel (07840004)	** 1) CRCG	85,000	335/251/0015
			Total :	<u>233,839</u>
*** (Total CRCG award : \$85,000) ***				
<u>(B) As Co-investigator</u>				
(5)	5.87 A study of ketac-silver and chelon-silver in paediatric dentistry (11326005)	1) Espe GmbH & Co. KG	86,069	360/251/0674
(6)	5.90 The evaluation of growth changes after surgical repair of clefts of the lip and palate (14695002)	1) UPGC (For projects below \$150,000)	109,000	337/253/0001

Dr. N.M. King (07840)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(7)	5.90 The evaluation of alveolar bone grafting of residual clefts of the palate (15804001)	** 1) CRCG	70,000	335/253/0012
(8)	7.90 The need and demand of orthodontics among adults in Hong Kong (15633001)	1) UPGC (For projects below \$150,000)	75,000	337/251/0001
			Total :	<u>340,069</u>

June 22, 1991.

6. Current Research Projects: Dr. J.Y.K. Ling (09756)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A)	<u>As Principal Investigator</u>			
	Nil			
(B)	<u>As Co-investigator</u>			
	Nil			

June 22, 1991.

6. Current Research Projects: Dr. D. O'Donnell (10724)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	4.88 The determination of the amount of fluoride ingested during toothbrushing by a group of mentally handicapped children, using a sodium fluoride dentrifice (10724001)	1) Dental Research Fund	13,000	335/251/0014
(2)	5.90 The effect of the stigma of physical and mental handicap on the accessibility, availability and perceived need for dental treatment in a Chinese population (10724004)	** 1) CRCG	79,060	335/251/0019
			Total :	<u>92,060</u>

*** (Total CRCG award : \$79,060) ***

(B) As Co-investigator

Nil

June 22, 1991.

6. Current Research Projects: Dr. L.L.Y. So (12972)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	5.89 A cross-sectional oral health survey of Chinese students attending the University of Hong Kong (12972001)	** 1) CRCG	20,000	335/251/0017
(2)	5.91 Morphometric histological, ultrastructural and immunohistochemical studies of bone regeneration in artificially - created intrabony defects (12972002)	1) UPGC (For projects below \$150,000)	30,000	337/251/0003
			Total :	<u>50,000</u>
*** (Total CRCG award : \$20,000) ***				
<u>(B) As Co-investigator</u>				
(3)	5.90 The evaluation of alveolar bone grafting of residual clefts of the palate (15804001)	** 1) CRCG	70,000	335/253/0012
(4)	7.90 The need and demand of orthodontics among adults in Hong Kong (15633001)	1) UPGC (For projects below \$150,000)	75,000	337/251/0001
			Total :	<u>145,000</u>

June 22, 1991.

6. Current Research Projects: Dr. E.L.K. Tang (13058)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A)	<u>As Principal Investigator</u>			
	Nil			
(B)	<u>As Co-investigator</u>			
	Nil			

June 22, 1991.

6. Current Research Projects: Prof. S.H.Y. Wei (11326)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	5.87 A study of ketac-silver and chelon-silver in paediatric dentistry (11326005)	1) Espe GmbH & Co. KG	86,069	360/251/0674
(2)	6.88 Dietary sources and intake of fluoride and enamel fluorosis in children in Hong Kong (11326001)	1) UPGC (For projects below \$150,000) 2) Strategic Research Fund	100,000 253,690	337/251/0002 336/251/0054
			Total :	<u>439,759</u>
<u>(B) As Co-investigator</u>				
(3)	4.88 The use of fluoride toothpaste and enamel fluorosis in children in Hong Kong. (14033001)	1) Dental Research Fund	3,800	335/251/0013
(4)	4.88 The determination of the amount of fluoride ingested during toothbrushing by a group of mentally handicapped children, using a sodium fluoride dentrifice (10724001)	1) Dental Research Fund	13,000	335/251/0014
(5)	5.89 A clinical and microscopic investigation of the effects of bleaching discoloured dental enamel (07840004)	** 1) CRCG	85,000	335/251/0015
(6)	5.89 A cross-sectional oral health survey of Chinese students attending the University of Hong Kong (12972001)	** 1) CRCG	20,000	335/251/0017
			Total :	<u>121,800</u>

June 22, 1991.

DEPARTMENT OF CONSERVATIVE DENTISTRY

Research Performance

6. Current Research Projects: Dr. G.S.P. Cheung (12058)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	7.88 Marginal leakage of posterior composite resin restorations (12058001)	Nil		
(2)	4.90 A survey of composite resin dental restorative material and dentinal adhesive agents in Hong Kong (12058006)	Nil		
(3)	7.90 Evaluation of marginal seal of dentine bonded composite resin restorations (12058005)	** 1) CRCG	83,000	335/252/0015
			Total :	<u>83,000</u>

*** (Total CRCG award : \$83,000) ***

(B) As Co-investigator

Nil

June 21, 1991.

6. Current Research Projects: Dr. B.G. Hillgren (14596)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A) <u>As Principal Investigator</u>				
(1)	5.90 A dental fear survey in Hong Kong (14596001)	** 1) CRCG	3,000	335/252/0014
			Total : <u>3,000</u>	

*** (Total CRCG award : \$3,000) ***

(B) As Co-investigator

Nil

June 21, 1991.

6. Current Research Projects: Dr. G.F. Howden (10803)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	11.83 The use of attachment bridges in ethnic Chinese (10803002)	Nil		
(2)	6.84 The development and assessment of the rabbit ear chamber technique as a method of studying tissue reaction to dental materials (10803005)	** 1) CRCG 2) Dental Research Fund	18,908 153,423	335/252/0005 ''
(3)	1.88 The bleaching of non-vital teeth using urea peroxide with and without pre-treatment with sodium hypochlorite (10803004)	Nil		
(4)	2.88 The bonding of attachment bridges (10803003)	Nil		
(5)	7.88 The bond strength of 'Dokon' Attachments (10803006)	Nil		
(6)	7.89 Bonded inlay bridges (10803008)	Nil		
			Total :	<u>172,331</u>
			*** (Total CRCG award : \$18,908) ***	
<u>(B) As Co-investigator</u>				
(7)	3.87 Investigations into the use of new biodegradable and non-biodegradable ceramics for the augmentation of bone in animals and man (08722001)	1) Dental Research Fund	24,250	335/253/0006
			Total :	<u>24,250</u>

6. Current Research Projects: Dr. L.H. Kei (10827)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	3.85 Investigation to determine reliability of a caries detection dye (10827002)	1) Dental Research Fund	15,990	335/252/0008
(2)	3.86 The relation of time of polish to surface staining of light cure composite resins: a study of 9 posterior composites & 6 anterior composites (10827001)	1) Dental Research Fund	5,000	335/252/0011
			Total :	<u>20,990</u>
<u>(B) As Co-investigator</u>				
Nil				

June 21, 1991.

6. Current Research Projects: Dr. P.R.H. Newsome (13016)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A) <u>As Principal Investigator</u>				
(1)	6.87 Dentine pin placements (13016002)	Nil		
(2)	1.88 Current status of gold inlays (13016001)	Nil		
(3)	4.88 Clinical performance of resin bond retained prostheses (13016003)	1) Dental Research Fund	85,075	335/252/0013
			Total :	<u>85,075</u> '
(B) <u>As Co-investigator</u>				
Nil				

June 21, 1991.

6. Current Research Projects: Dr. C.M. Tse (10554)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	12.86 A restrospective study of the endodontic treatment carried out by the undergraduate dental students at the Prince Philip Dental Hospital (10554001)	** 1) CRCG 2) Dental Research Fund	6,000 6,000	335/252/0012 ' '
			Total :	<u>12,000</u>

*** (Total CRCG award : \$6,000) ***

(B) As Co-investigator

Nil

June 21, 1991.

6. Current Research Projects: Dr. R.T. Walker (10033)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A) <u>As Principal Investigator</u>				
Nil				
(B) <u>As Co-investigator</u>				
(1)	12.86 A restrospective study of the endodontic treatment carried out by the undergraduate dental students at the Prince Philip Dental Hospital (10554001)	** 1) CRCG 2) Dental Research Fund	6,000 6,000	335/252/0012 ' '
(2)	7.90 Evaluation of marginal seal of dentine bonded composite resin restorations (12058005)	** 1) CRCG	83,000	335/252/0015 '
			Total :	<u>95,000</u>

June 21, 1991.

6. Current Research Projects: Dr. P.Y.P. Wat (09626)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A)	<u>As Principal Investigator</u>			
	Nil			
(B)	<u>As Co-investigator</u>			
	Nil			

June 21, 1991.

Reception & Primary Care Unit

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6. Current Research Projects: Dr. B.G. Hillgren (14596)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A) <u>As Principal Investigator</u>				
(1)	5.90 A dental fear survey in Hong Kong (14596001)	** 1) CRCG	3,000	335/252/0014
			Total : <u>3,000</u>	

*** (Total CRCG award : \$3,000) ***

(B) As Co-investigator

Nil

June 22, 1991.

DEPARTMENT OF ORAL SURGERY & ORAL MEDICINE

Research Performance

6. Current Research Projects: Dr. S.C. Chan (16132)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	1.89 A study to find out whether resedation occurs following reversal of midazolam sedation with flumazenil (Anexate) (10409003)	Nil		
(2)	1.90 Odontogenic keratocyst of the jaws (16132001)	Nil		
<u>(B) As Co-investigator</u>				
(3)	12.89 An epidemiological study of jaw cysts in the Hong Kong population (08722007)	Nil		
(4)	1.90 Arthroscopic surgery of temporo-mandibular joints (10971006)	Nil		
(5)	5.90 A geometrical study of body step-osteotomies and Schuchardt osteotomies (10971010)	Nil		
(6)	5.90 Scanning electron microscopy of odontogenic cysts (16211002)	Nil		

June 21, 1991.

6. Current Research Projects: Dr. L.K. Cheung (10971)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A)	<u>As Principal Investigator</u>			
(1)	1.89 Complications of maxillofacial trauma treatment (10971003)	Nil		
(2)	1.89 The sternocleidomastoid flap in oral reconstruction (10971004)	Nil		
(3)	5.89 Study of the vascular anatomy of human's temporal muscle (10971001)	** 1) CRCG	43,720	335/253/0009
(4)	12.89 The characteristics of fibro-osseous lesions in jaw bones of Southern Chinese population (10971009)	Nil		
(5)	1.90 Arthroscopic surgery of temporo-mandibular joints (10971006)	Nil		
(6)	5.90 A geometrical study of body step-osteotomies and Schuchardt osteotomies (10971010)	Nil		
(7)	7.90 Microvasculature and epithelization of temporalis muscle flap (10971005)	Nil		
(8)	7.90 Epithelization of buccal fat pad pedicled flap in oral reconstruction (10971007)	Nil		
(9)	5.91 The healing process and vascular changes of the temporalis muscle flap in the cat (10971011)	1) UPGC (For projects below \$150,000)	134,805	337/253/0002
			Total :	<u>178,525</u>

Dr. L.K. Cheung (10971)

No. Starting Date / Project Title / Project Code

Fund Source

Amount of
Award (HK\$) Account

*** (Total CRCG award : \$43,720) ***

(B) As Co-investigator

Nil

June 22, 1991.

6. Current Research Projects: Dr. M.B. Comfort (08722)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	6.86 Third molar impaction (08722002)	1) Dental Research Fund	22,912	335/253/0005
(2)	3.87 Investigations into the use of new biodegradable and non-biodegradable ceramics for the augmentation of bone in animals and man (08722001)	1) Dental Research Fund	24,250	335/253/0006
(3)	1.89 Endosseous dental implants (08722003)	Nil		
(4)	12.89 An epidemiological study of jaw cysts in the Hong Kong population (08722007)	Nil		
(5)	5.90 A comparative study of CT and MRI in implant surgery (08722005)	** 1) CRCG	53,000	335/253/0011
			Total :	<u>100,162</u>

*** (Total CRCG award : \$53,000) ***

(B) As Co-investigator

Nil

June 21, 1991.

6. Current Research Projects: Dr. I.W. Ormiston (16611)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A) <u>As Principal Investigator</u>				
(1)	1.90 A retrospective study of ameloblastomas of the jaws (16611001)	Nil		
(B) <u>As Co-investigator</u>				
(2)	8.88 Prospective long term study of treatment of oral squamous cell carcinoma (14695001)	Nil		
(3)	12.89 An epidemiological study of jaw cysts in the Hong Kong population (08722007)	Nil		

June 21, 1991.

6. Current Research Projects: Dr. E.M.G. Piette (14038)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	5.89 Fine vascular anatomy of the temporomandibular joint (14038001)	** 1) CRCG	57,820	335/253/0010
			Total :	<u>57,820</u>
*** (Total CRCG award : \$57,820) ***				
<u>(B) As Co-investigator</u>				
(2)	5.90 The evaluation of growth changes after surgical repair of clefts of the lip and palate (14695002)	1) UPGC (For projects below \$150,000)	109,000	337/253/0001
(3)	5.90 The evaluation of alveolar bone grafting of residual clefts of the palate (15804001)	** 1) CRCG	70,000	335/253/0012
			Total :	<u>179,000</u>

June 21, 1991.

6. Current Research Projects: Dr. N. Samman (15804)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	5.90 The evaluation of alveolar bone grafting of residual clefts of the palate (15804001)	** 1) CRCG	70,000	335/253/0012
			Total :	<u>70,000</u>
*** (Total CRCG award : \$70,000) ***				
<u>(B) As Co-investigator</u>				
(2)	12.89 The characteristics of fibro-osseous lesions in jaw bones of Southern Chinese population (10971009)	Nil		

June 21, 1991.

6. Current Research Projects: Prof. H. Tideman (14695)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	8.88 Prospective long term study of treatment of oral squamous cell carcinoma (14695001)	Nil		
(2)	5.90 The evaluation of growth changes after surgical repair of clefts of the lip and palate (14695002)	1) UPGC (For projects below \$150,000)	109,000	337/253/0001
			Total :	<u>109,000</u>
<u>(B) As Co-investigator</u>				
(3)	1.89 Complications of maxillofacial trauma treatment (10971003)	Nil		
(4)	1.89 The sternocleidomastoid flap in oral reconstruction (10971004)	Nil		
(5)	5.89 Fine vascular anatomy of the temporomandibular joint (14038001)	** 1) CRCG	57,820	335/253/0010
(6)	5.90 Scanning electron microscopy of odontogenic cysts (16211002)	Nil		
(7)	5.90 The evaluation of alveolar bone grafting of residual clefts of the palate (15804001)	** 1) CRCG	70,000	335/253/0012

Prof. H. Tideman (14695)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(8)	5.90 The role of intercellular junctions and intermediate filaments as structural markers during malignant transformation in human epithelial neoplasms (16211001)	1) UPGC (For projects below \$150,000)	55,000	337/268/0001
(9)	7.90 The need and demand of orthodontics among adults in Hong Kong (15633001)	1) UPGC (For projects below \$150,000)	75,000	337/251/0001
(10)	7.90 Microvasculature and epithelization of temporalis muscle flap (10971005)	Nil		
(11)	7.90 Epithelization of buccal fat pad pedicled flap in oral reconstruction (10971007)	Nil		
			Total :	<u>257,820</u>

June 21, 1991.

Anaesthetic Unit

- 2 -

6. Current Research Projects: Dr. H.R.C. Rodrigo (10409)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A)	<u>As Principal Investigator</u>			
(1)	1.89 A study to find out whether resedation occurs following reversal of midazolam sedation with flumazenil (Anexate) (10409003)	Nil		
(B)	<u>As Co-investigator</u>			
	Nil			

June 22, 1991.

DEPARTMENT OF PERIODONTOLOGY & PUBLIC HEALTH

Research Performance

6. Current Research Projects: Dr. E.F. Corbet (07825)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A)	<u>As Principal Investigator</u>			
	Nil			
(B)	<u>As Co-investigator</u>			
(1)	4.86 Bacterial invasion of the tissues in advanced periodontal disease of Hong Kong Chinese (12487002)	1) Dental Research Fund	10,580	335/254/0009
(2)	6.87 Screening for high-risk of periodontal disease (06685001)	1) Dental Research Fund	65,000	335/254/0013
(3)	5.89 An epidemiological and sociological survey of oral health care needs in selected age groups in Hong Kong (06685002)	** 1) CRCG 2) UPGC (For projects below \$150,000)	60,000 110,000	335/254/0018 337/254/0001
(4)	4.90 South-East Asian dental students' attitudes towards the dental study and dental practice and perceptions of their roles in dental health education (15872002)	Nil		
			Total :	<u>245,580</u>

June 22, 1991.

6. Current Research Projects: Prof. W.I.R. Davies (06685)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	6.87 Screening for high-risk of periodontal disease (06685001)	1) Dental Research Fund	65,000	335/254/0013
(2)	5.89 An epidemiological and sociological survey of oral health care needs in selected age groups in Hong Kong (06685002)	** 1) CRCG 2) UPGC (For projects below \$150,000)	60,000 110,000	335/254/0018 337/254/0001
			Total :	<u>235,000</u>
			*** (Total CRCG award : \$60,000) ***	
<u>(B) As Co-investigator</u>				
(3)	4.86 Bacterial invasion of the tissues in advanced periodontal disease of Hong Kong Chinese (12487002)	1) Dental Research Fund	10,580	335/254/0009
(4)	5.86 Determinants of periodontal diseases (07711002)	** 1) CRCG 2) Dental Research Fund	50,000 13,800	335/268/0003 335/254/0008
(5)	12.87 Immunohistochemical and immunocytochemical studies of the mechanisms of calcification in bone and dental tissues (13787001)	1) Dental Research Fund	24,000	335/270/0004
			Total :	<u>98,380</u>

June 22, 1991.

6. Current Research Projects: Dr. R.W. Evans (08682)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	12.84 An investigation of dental fluorosis in Hong Kong (08682001)	1) Dental Research Fund	99,199	335/254/0003
			Total :	<u>99,199</u>
<u>(B) As Co-investigator</u>				
(2)	6.88 Dietary sources and intake of fluoride and enamel fluorosis in children in Hong Kong (11326001)	1) UPGC (For projects below \$150,000) 2) Strategic Research Fund	100,000 253,690	337/251/0002 336/251/0054
(3)	5.89 An epidemiological and sociological survey of oral health care needs in selected age groups in Hong Kong (06685002)	** 1) CRCG 2) UPGC (For projects below \$150,000)	60,000 110,000	335/254/0018 337/254/0001
(4)	9.90 Primary health care for kindergarten and primary school children in rural China - a field demonstration trial on prevention of oral disease (15872001)	** 1) CRCG	21,400	335/254/0021
			Total :	<u>545,090</u>

June 22, 1991.

6. Current Research Projects: Dr. C.J. Holmgren (07831)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	1.86 The investigation of the reliability and validity of the Community Periodontal Index of Treatment Needs (CPITM) in assessing treatment needs and resources required for the provision of treatment (07831001)	1) Dental Research Fund	47,230	335/254/0004
			Total :	<u>47,230</u>
<u>(B) As Co-investigator</u>				
(2)	6.87 Screening for high-risk of periodontal disease (06685001)	1) Dental Research Fund	65,000	335/254/0013
(3)	5.89 An epidemiological and sociological survey of oral health care needs in selected age groups in Hong Kong (06685002)	** 1) CRCG 2) UPGC (For projects below \$150,000)	60,000 110,000	335/254/0018 337/254/0001
			Total :	<u>235,000</u>

June 22, 1991.

6. Current Research Projects: Dr. L.P. Lim (11126)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	1.85 Factors affecting the compliance of a southern Chinese population with a preventive-oriented periodontal programme (11126001)	1) Dental Research Fund	58,784	335/254/0002
			Total :	<u>58,784</u>
<u>(B) As Co-investigator</u>				
(2)	5.89 An epidemiological and sociological survey of oral health care needs in selected age groups in Hong Kong (06685002)	** 1) CRCG 2) UPGC (For projects below \$150,000)	60,000 110,000	335/254/0018 337/254/0001
			Total :	<u>170,000</u>

June 22, 1991.

6. Current Research Projects: Dr. E.C.M. Lo (12006)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	4.90 Tai O Dental Centre 1990 (12006002)	1) Islands District Board, Hong Kong	8,772	
(2)	5.90 A study of the factors affecting the utilization of dental services among Hong Kong adults aged 35-44 years (12006001)	** 1) CRCG	34,000	"
			Total :	<u>42,772</u>
*** (Total CRCG award : \$34,000) ***				
<u>(B) As Co-investigator</u>				
(3)	5.89 An epidemiological and sociological survey of oral health care needs in selected age groups in Hong Kong (06685002)	** 1) CRCG 2) UPGC (For projects below \$150,000)	60,000 110,000	335/254/0018 337/254/0001
(4)	9.90 Primary health care for kindergarten and primary school children in rural China - a field demonstration trial on prevention of oral disease (15872001)	** 1) CRCG	161,400	335/254/0021
			Total :	<u>331,400</u>

June 22, 1991.

6. Current Research Projects: Dr. E. Schwarz (15872)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	8.86 Alternative delivery models of oral health care to young adult Danes -a comparative study of youth oral health care in private and public regimens (15872004)	1) National Medical Research Council	911,400	
(2)	4.90 South-East Asian dental students' attitudes towards the dental study and dental practice and perceptions of their roles in dental health education (15872002)	Nil		
(3)	8.90 Adult Danes' dental conditions, their utilization of and attitudes towards dental services in 1990 in a longitudinal perspective (15872003)	1) National Medical Research Council	186,186	
(4)	9.90 Primary health care for kindergarten and primary school children in rural China - a field demonstration trial on prevention of oral disease (15872001)	** 1) CRCG	161,400	335/254/0021
			Total :	<u>1,258,986</u>
*** (Total CRCG award : \$161,400) ***				
<u>(B) As Co-investigator</u>				
(5)	5.89 An epidemiological and sociological survey of oral health care needs in selected age groups in Hong Kong (06685002)	** 1) CRCG 2) UFGC (For projects below \$150,000)	60,000 110,000	335/254/0018 337/254/0001

Dr. E. Schwarz (15872)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(6)	4.90 Tai O Dental Centre 1990 (12006002)	1) Islands District Board, Hong Kong	8,772	
(7)	5.90 A study of the factors affecting the utilization of dental services among Hong Kong adults aged 35-44 years (12006001)	** 1) CRCG	34,000	335/254/0020
			<u>Total :</u>	<u>212,772</u>

June 22, 1991.

6. Current Research Projects: Dr. J. Theilade (12487)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	4.86 Bacterial invasion of the tissues in advanced periodontal disease of Hong Kong Chinese (12487002)	1) Dental Research Fund	10,580	335/254/0009
(2)	4.88 SEM of the vascular system of the human lingual papillae. (12487001)	1) Dental Research Fund	1,920	335/254/0014
			Total :	<u>12,500</u>
<u>(B) As Co-investigator</u>				
(3)	12.87 The development of black stain on human teeth (07151001)	1) Dental Research Fund	2,500	335/268/0001
(4)	12.87 Immunohistochemical and immunocytochemical studies of the mechanisms of calcification in bone and dental tissues (13787001)	1) Dental Research Fund	24,000	335/270/0004
			Total :	<u>26,500</u>

June 22, 1991.

DEPARTMENT OF PROSTHETIC DENTISTRY

Research Performance

Department of Prosthetic Dentistry

- 2 -

6. Current Research Projects: Dr. T.W. Chow (08721)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	2.88 Reinforcement of denture base polymers with high modulus fibres. (08721001)	1) Dental Research Fund	11,900	335/255/0004
			Total :	<u>11,900</u>
<u>(B) As Co-investigator</u>				
(2)	5.86 Dental resins reinforced with highly drawn polyethylene fibres (12141001)	** 1) CRCG 2) Dental Research Fund	114,000 265,808	335/263/0003 ''
(3)	9.87 Facial soft tissue profile of southern Chinese (06747002)	Nil		
(4)	1.88 The terminal hinge axis in southern Chinese (06747003)	Nil		
			Total :	<u>379,808</u>

June 22, 1991.

6. Current Research Projects: Prof. R.K.F. Clark (06747)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A) <u>As Principal Investigator</u>				
(1)	9.87 Facial soft tissue profile of southern Chinese (06747002)	Nil		
(2)	1.88 The terminal hinge axis in southern Chinese (06747003)	Nil		
(B) <u>As Co-investigator</u>				
	Nil			

June 22, 1991.

6. Current Research Projects: Dr. A.P.L. Dias (12262)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A)	<u>As Principal Investigator</u>			
(1)	6.89 Evaluation of commercially available rare earth magnetic retention systems (12262001)	** 1) CRCG	8,000	335/255/0005
			Total :	<u>8,000</u>

*** (Total CRCG award : \$8,000) ***

(B) As Co-investigator

Nil

June 22, 1991.

6. Current Research Projects: Dr. J.E. Dyson (07704)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	5.90 The performance of dental air-turbine handpieces (07704002)	** 1) CRCG	45,000	335/255/0006
			Total :	<u>45,000</u>

*** (Total CRCG award : \$45,000) ***

(B) As Co-investigator

(2)	9.87 Guide plane retention for removable partial denture (07834002)	Nil
(3)	9.87 The efficacy of cast cobalt chromium clasps (07834003)	Nil

June 22, 1991.

6. Current Research Projects: Dr. M.D. Murray (07834)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A) <u>As Principal Investigator</u>				
(1)	12.86 Surface texture of poly(methylmethacrylate) and its influence on wettability (07834004)	1) Dental Research Fund	28,862	335/255/0002
(2)	9.87 Development of a semi-precision attachment for partial denture retention (07834001)	Nil		
(3)	9.87 Guide plane retention for removable partial denture (07834002)	Nil		
(4)	9.87 The efficacy of cast cobalt chromium clasps (07834003)	Nil		
(5)	1.90 A combined orthodontic and prosthodontic approach to the problem of tipped abutment molars (08669002)	Nil		
			Total :	<u>28,862</u>
(B) <u>As Co-investigator</u>				
	Nil			

June 22, 1991.

ORAL BIOLOGY UNIT

Research Performance

Oral Biology Unit

- 2 -

6. Current Research Projects: Mr. K.M. Pang (07151)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A) <u>As Principal Investigator</u>				
(1)	12.87 The development of black stain on human teeth (07151001)	1) Dental Research Fund	2,500	335/268/0001
			Total :	<u>2,500</u>
(B) <u>As Co-investigator</u>				
(2)	5.89 A clinical and microscopic investigation of the effects of bleaching discoloured dental enamel (07840004)	** 1) CRCG	85,000	335/251/0015
			Total :	<u>85,000</u>

June 22, 1991.

6. Current Research Projects: Dr. H.P. Philipsen (16211)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
<u>(A) As Principal Investigator</u>				
(1)	5.90 Scanning electron microscopy of odontogenic cysts (16211002)	Mil		
(2)	5.90 The role of intercellular junctions and intermediate filaments as structural markers during malignant transformation in human epithelial neoplasms (16211001)	1) UPGC (For projects below \$150,000)	55,000	337/268/0001
			Total :	<u>55,000</u>
<u>(B) As Co-investigator</u>				
(3)	5.86 Determinants of periodontal diseases (07711002)	** 1) CRCG 2) Dental Research Fund	50,000 13,800	335/268/0003 335/254/0008
			Total :	<u>63,800</u>

June 22, 1991.

6. Current Research Projects: Dr. F.A. Theilade (12747)

<u>No.</u>	<u>Starting Date / Project Title / Project Code</u>	<u>Fund Source</u>	<u>Amount of Award (HK\$)</u>	<u>Account</u>
(A) <u>As Principal Investigator</u>				
	Nil			
(B) <u>As Co-investigator</u>				
(1)	5.86 Determinants of periodontal diseases (07711002)	** 1) CRCG	50,000	335/268/0003
		2) Dental Research Fund	13,800	335/254/0008
			<hr/>	
			Total :	<u>63,800</u>

June 22, 1991.



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