

College of Dentistry

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FACULTY & ACADEMIC STAFF

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A. J. Whitworth, Vice-President (Finance and Resources)
S. Franklin, Vice-President (Research)
M. D. Evered, Vice-Provost
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D. A. Kolbinson, Associate Dean of Dentistry
J. K. Sutherland, Assistant Dean of Dentistry (Clinical Affairs)
T. B. Wishart, Dean of Graduate Studies and Research and Associate Vice-President (Research)
F. Winter, Director of Libraries
G. Barnhart, University Secretary
Å. Kachan, Director of Student Record Services and Registrar

Professors

C. G. Baker, R. M. Devon, J. N. Hoover,
D. A. Kolbinson, K. Komiyama, P. A. Konchak,
D. T. Lanigan, M. B. Moulding, R. D. Oles,
J. K. Sutherland, P. E. Teplitsky

Associate Professors

M. A. Copete, S. Jureczek, F. Otero-Cagide,
G. V. Packota, J. E. Stakiw, D. W. Tyler, J. J. Tynan

Assistant Professors

E. Fernandez, M. MacLennan, J. Monteith

Associate Members

C. Duplessis, M. D. Evered, G. D. Guttman,
D. T. Hartsfield, G. Jacques, T. Johnson,
B. H. J. Juurlink, G. M. Schnell, E. G. Walker, J. White,
T. Wilson, B. Ziola

Clinical Professors*

D. Amundrud, R. R. Anholt, A. Finningley,
R. I. Hamilton, D. Hastings, D. Johnson, G. H. Peacock,
G. Riekman, D. Saganski, R. Starzynski, J. Wilson

Clinical Associate Professors*

B. L. Carley, M. C. Hammer, G. Kost, K. Verma,
B. C. White

Clinical Assistant Professors*

M. Berin, C. Bowerman, K. I. Hamilton,
C. W. Haunsperger, K. Gallagher, P. Louie, D. Meier,
L. Piecowey, C. J. Roberts, D. Stark, D. P. Woo

Clinical Lecturers*

R. Bourassa, L. Chow, D. Clements, H. Conrad,
M. W. Gryba, J. Kudryk, K. Kudryk, D. J. Plosz,
M. Redden, B. Thibodeau

Clinical Instructors*

R. Bhargava, J. Billett, S. Brakstad, J. Bumbac,
K. Cadman, R. Chayka, S. Choubal, J. Dhillon,
E. Dorosh, M. Eckert, D. Hildebrand, A. Ighani,
T. Jarotski, S. Korol, T. Lange, K. Morton,

A. Romaniuk, R. J. Shavron, M. Taylor, B. Thibodeau,
E. Underwood, N. Vankoughnett, M. Wagner, P. Yazdani

Sessional Lecturer*

U. J. Kerry

MEMBERS FROM OTHER FACULTIES

W. Albritton, Dean of Medicine
L. T. J. Delbaere, Professor and Head of Biochemistry
D. K. J. Gorecki, Dean of Pharmacy
S. J. Hayes, Professor and Head of Microbiology and Immunology
M. E. Horsburgh, Dean of Nursing
B. H. J. Juurlink, Professor and Head of Anatomy and Cell Biology
C. S. Rhodes, Dean of Veterinary Medicine
K. L. Massey, Professor and Head of Pathology
W. Walz, Professor and Head of Physiology
T. W. Wilson, Professor and Head of Pharmacology

*Denotes non-members of faculty.

ADMISSION

ADMISSION REQUIREMENTS

The College of Dentistry offers a four-year program, following a minimum of two academic pre-dentistry years, leading to the Doctor of Dental Medicine (D.M.D.) degree.

Students wishing to complete another degree while enrolled in the College of Dentistry should contact the Dean's Office www.usask.ca/dentistry/geninfo/contact.shtml as soon as possible.

Admission to the College of Dentistry requires a minimum of two pre-dentistry years, including at least 60 credit units of university level work within two standard academic terms of 8 consecutive months (September to April). Courses used for admission from another post-secondary institution must be equivalent to those offered at the University of Saskatchewan. The required pre-dentistry courses are:

- (1) ENG 110.6 or any two of ENG 111.3, 112.3, 113.3, 114.3*
- (2) BIOL 110.6
- (3) CHEM 112.3 and 250.3
- (4) PHYS 111.6 or 121.6
- (5) BIOCH 200.3 and 211.3
- (6) Six credit units in the social sciences or humanities
- (7) Sufficient courses to meet the 60 credit unit requirement.

Recommended course: Six credit units in human physiology.

*Grade 13 or OAC English are not equivalent to these courses.

*Students who have completed a Master's or Ph.D. thesis in English (any discipline) are exempt.

Note: Students attending the University of Regina should see the "Admission to Professional Programs for Students from the University of Regina" section of the *Calendar*.

Students may schedule their required pre-dentistry courses (listed above) as they wish, providing they maintain a 30 credit unit course load per academic year (September to April). An overall minimum average of 70% must be obtained in the required pre-dentistry courses for applicants to be considered for admission. If the average is below 70%, students may improve their average in the pre-dentistry course areas by taking approved higher level courses in the same subject area. Courses approved for substitution are upper level courses, which have the applicable pre-dentistry course as a prerequisite.

SELECTION CRITERIA

Applicants are selected on the basis of: 1) academic record, 2) Dental Aptitude Test results, 3) personal interview.

The method of evaluation and relative weights are as follows:

1. Academic Record (65%)

Required pre-dentistry courses:

Applicants must have a minimum overall average of 70% in the required pre-dentistry courses. The weighted average of these courses will be used to determine the applicant's eligibility for further admissions considerations. Applicants who have not completed this requirement will not be considered.

Two year 60 credit unit requirement:

The full weighting of 65% is given to the two best 30-credit unit years of study. To be eligible for consideration for admission, applicants must have completed at least 60 credit units of university level work within two standard academic terms of 8 consecutive months (September to April) and obtain a minimum overall average of 74%. Applicants who do not meet this requirement will not be considered.

In addition to completing the specified required pre-dentistry courses, students should choose a program/courses that will help them reach an alternate career choice if dental college is no longer a viable option; e.g. a program in the natural sciences.

Transfer Credits:

Students who have attended other post-secondary institutions must complete the equivalent of the required pre-dentistry courses and a minimum of two full 30 credit unit years (see pre-dentistry courses listed above). Applicants who do not complete these requirements will not be considered.

2. Dental Aptitude Test (25%)

Applicants must take the Dental Aptitude Test (DAT) administered by the Canadian Dental Association. The test is conducted each year by a number of universities across Canada, including the University of Saskatchewan, and will be held on November 2, 2002 and February 15, 2003. The deadlines for application are September 15, 2002 and January 15, 2003, respectively. The results of both dates will be accepted and considered. For further information, contact Admissions, College of Dentistry.

DAT results older than three years will not be considered for admission purposes. If an applicant has taken more than one DAT within this period, an average of the two best test results will be used as the final score.

DAT scores used will be the total of those earned on Reading Comprehension (50%), Perceptual Ability (25%) and Carving (25%).

Applicants applying from outside Saskatchewan should contact the Canadian Dental Association directly for application information at: Tel: 613-523-1770, Fax: 613-523-7489, E-mail: dat@cda-adc.ca

3. Interview (10%)

Interviews are granted based on current academic performance. Applicants not chosen for interviews in March/April will not be re-evaluated for the final selection for the current year. The interview follows a structured format and lasts approximately 40 minutes. Those who have taken the interview at the University of Saskatchewan more than once will be given a score based on the average of the two best scores.

4. Reference Letters

Three letters of reference testifying to the applicant's character are required. These letters are to be sent directly to Admissions www.usask.ca/dentistry/geninfo/contact.shtml, College of Dentistry. Relatives cannot provide character references.

CATEGORIES OF APPLICANTS

Saskatchewan Residents

- Applicants must be Canadian citizens or landed immigrants at the time of application.
- Applicants normally must have resided in Saskatchewan for at least 2 years immediately prior to September 1 of the year in which admission is sought. However, applicants who have left the province but have previously lived in Saskatchewan for an accumulated period of 15 years (permanent residency) will be treated as residents. Applicants who have previously lived in Saskatchewan for an accumulated period of less than 15 years and who do not qualify under the two-year condition will receive credit of one year toward the two-year requirement for every 8 years of residency in the province.
- An exception to the two-year ruling may be made for members of the Canadian Forces or R.C.M.P. or to an applicant whose spouse, parent or guardian has moved to Saskatchewan for reasons of employment or training. In this case, the applicant must have resided in Saskatchewan for at least 12 consecutive months preceding the time of application.

In support of the claim to qualify under sections (b) and (c) above as a resident of Saskatchewan, the following will be taken into account:

- place of residence of parents, guardians or breadwinner;
- reasons for any break in the continuity of residence, which will include attendance at an out-of-province educational institution, summer employment where applicable, and any other reason deemed to be relevant;
- filing of income tax returns as a resident of Saskatchewan (where applicable), Driver's License and Hospitalization (residency based on dates Driver's License and Hospitalization have been changed);
- resident of the Northwest, Nunavut or Yukon Territories.

Canadian and International Applicants

Applicants are required to complete courses equivalent to those listed under "Admission Requirements" in this section of the *Calendar*. Equivalent course work will be evaluated upon submission of official transcripts.

In addition to completing the requirements listed above, applicants should note that the language of instruction at the University of Saskatchewan is English. Applicants whose university-level courses were completed at an institution where the language of instruction and examination is not English must provide evidence of English proficiency. See "English Proficiency" under "Admission Requirements".

Non-Canadian applicants will need to obtain a Study Permit to study in Canada.

Aboriginal Applicants

(Saskatchewan Residents only)

There is a separate category in which three first-year spaces are reserved for persons of Aboriginal descent. Applicants must meet the minimum admissions requirements—an overall academic average of 74% or greater on the two best years and an average of 70% or greater in the required pre-dentistry courses. Applicants must achieve an acceptable rating on the interview and successfully complete the Dental Aptitude Test (DAT). Applicants wishing to apply under this category should identify themselves on the application for admission. For information on procedures for submitting proof of Aboriginal ancestry, see the "Admission" section of the *Calendar*.

APPLICATION PROCEDURES

Applications may be obtained from Admissions, College of Dentistry beginning in July of the year prior to entry. The application deadline is January 15 of the year in which admission is sought. Offers of admissions are normally made in June. A copy of the 2003 Application for Admission is also available at: www.usask.ca/dentistry

Note: Completion of the pre-dentistry program does not guarantee admission. In 2003, the number of entering students is 26 (15 Saskatchewan applicants with the highest standing and up to 11 places that may be offered to out-of-province or international applicants).

Applicants who have been unsuccessful in gaining admission to the college are required to reapply each year. Admission requirements are subject to change from year to year. Enquiries concerning admissions should be directed to Admissions, College of Dentistry.

Transcripts

Applicants from other accredited post-secondary institutions must arrange for two final, complete official transcripts to be forwarded by the appropriate institution(s) directly to Admissions, College of Dentistry. Transcripts or statements of standing issued to students are unacceptable. Applicants who are presently attending classes in the second semester/term must ensure that these courses are indicated on the transcript for the current academic year. Applicants who previously attended or are currently attending the Universities of Regina or Saskatchewan are not required to request transcripts. These transcripts will be forwarded to Admissions, College of Dentistry.

Note: If transcripts/documents are in a language other than English or French, the applicant must submit an official notarized, word for word, English translation together with original documents. Calendars and/or course outlines covering the completed courses must also be submitted.

Note: Candidates who are interviewed must arrange for two final and official, complete transcripts to be forwarded directly by the appropriate institution(s) to Admissions, College of Dentistry www.usask.ca/dentistry/geninfo/contact.shtml as soon as possible after the final marks for the second semester/term are available.

Advanced Standing

At the present time, the college has no arrangements for considering and/or accepting advanced standing applicants from other dental schools.

Post-Graduate and Qualifying Programs

Currently, the college does not offer graduate level studies or a qualifying year program for dental graduates from other countries wishing to meet the requirements of the provincial licensing bodies.

Transfer Students

The College of Dentistry may consider up to two transfer students per year to either Year 1 or to Year 2, if a position(s) is available within the approved enrolment quota. Transfer applicants must have attended an accredited Canadian or American dental school. Transfer applicants will compete with each other. They will be assessed based on their academic performance in pre-dentistry course work and on their performance in dental school. Requests for transfer must be received by January 15 of each year.

PROGRAM

DOCTOR OF DENTAL MEDICINE PROGRAM

Four-Year D.M.D. Program

Effective September 1, 1999

In the first year and a half of the four-year dental program, the basic science courses are closely integrated, physically and academically, with those of the College of Medicine.

Year 1 (46 credit units)

ANAT 232, 233, 234; DENT 208, 210, 214, 218, 220, 221, 225, 226, 230, 288; MICRO 204; PHSIO 202.

Year 2 (57 credit units)

DENT 301, 314, 317, 319, 320, 324, 330, 340, 348, 350, 353; MICRO 305; PATH 301; PEDS 302; PHCOL 301.

Year 3 (54 credit units)

DENT 401, 410, 417, 419, 420, 424, 430, 440, 448, 450, 453, 455, 463, 466, 475, 480, 486

Year 4 (56 credit units)

DENT 501, 517, 519, 520, 524, 530, 540, 542, 548, 550, 563, 573, 580, 585, 590

EXEMPTIONS

The College of Dentistry, in principle, does not approve the granting of exemptions in medical or dental courses in any year of its D.M.D. degree program.

The computation of the Weighted Grade Point Average (WGPA) for each year of the dental program will include the grade that the student obtained in the course while in dentistry, even if it is a lower grade than that obtained while enrolled in another program of study.

The only exception to the above policy may occur when a student has completed a Master's or Ph.D. degree in the subject area and can demonstrate, to the satisfaction of the Course Coordinator and Phase A or B Chair as applicable, that s/he has a thorough knowledge of the subject area. It will be at the Course Coordinator's discretion to determine how this thorough knowledge will be demonstrated. Such exception to the general policy will be granted only within the first two weeks of the start date of the applicable year of study.

PROMOTION AND GRADUATION

The following promotion and graduation regulations apply within the College of Dentistry. The grading system followed differs from the general one detailed in the General Information section of the *Calendar* in that the literal descriptions have been expanded to include some terminology which reflects competency in cognitive and/or psychomotor and/or attitudinal skills. Details on this may be obtained from the Dean's Office.

- (1) Students must achieve a minimum grade of 50% or a completed requirement (CR) to pass any course and must receive a minimum weighted average of 60% to be promoted or graduate.

To be promoted from Year II to Year III, students must have a combined average of 60% of the delegated mark in the practical component of the three preclinical disciplines, DENT 320, 330 and 340. Failure to do so will mean repeating the year.

- (2) Students who have less than 60% as a sessional weighted average, but have achieved a minimum grade of 50% in each course, will be required to take supplemental examinations in a maximum of the equivalent of two full courses (8 credit units) in order to raise their sessional weighted average to 60% or greater.
- (3) Students who fail in not more than the equivalent of two full courses (8 credit units) but have achieved a grade of at least 40% in those courses and a sessional weighted average of 60% or greater in all courses passed, will be required to take supplemental examinations in the courses failed and achieve a sessional weighted average of 60% or greater to be promoted or graduate.
- (4) Students achieving a grade of less than 40% in a course may not take supplemental examinations, unless approved by the Executive Committee.
- (5) Students who fail to obtain a passing grade in any laboratory or clinical course may, at the discretion of the faculty, be required to either pass a supplemental examination, when appropriate, or repeat the work of the entire year including all examinations, before being promoted to a higher year.
- (6) Students must, in the event of non promotion, repeat all courses failed plus any courses deemed advisable by the Undergraduate Education Committee.
- (7) If repeating a year, students should, if possible, find alternate courses to those courses not required by faculty to make up the equivalent of a full year. The courses must be approved by the Undergraduate Education Committee.
- (8) Students who have failed and wish to repeat the year must submit a formal written request to the Dean for approval by the Executive Committee.
- (9) In extenuating circumstances, at the discretion of the Executive Committee, a student may be asked or permitted to withdraw for one year. A student must apply to the college for re-admission.
- (10) The D.M.D. degree with distinction will be awarded to any student who obtains a cumulative weighted average of 75% or more but less than 80% in the dental years; the D.M.D. degree with great distinction will be awarded to any student who obtains a cumulative weighted average of 80% or more in the dental years.

GENERAL INFORMATION

The Senate of the University of Saskatchewan approved the establishment of a College of Dentistry on the Saskatoon Campus on July 1, 1965. A Dean of Dentistry, Dr. K. J. Paynter, and the first College of Dentistry staff members were appointed on July 1, 1967. The first class of dental students began courses in September, 1968.

The College of Dentistry offers a fully accredited dental program with a proud tradition of excellence in teaching and research. Approximately 25 qualified students graduate each year. In addition to its teaching and service functions, the College has a commitment to research involving the entire faculty. Recent projects involve a CIDA dental/health care project, a periodontal health project with Mexico, involvement in a major study of Multiple Sclerosis, a project in bacterial adhesion to oral surfaces and ongoing studies in dental materials. In the summer, research opportunities are provided for students in both clinical and basic science areas. In addition, there are events that provide innovative learning, research and clinical experiences for students during the academic year.

Our preclinical teaching area includes a state-of-the-art simulation clinic where students learn basic procedures in a clinical setting with current techniques in infection control and fiber optic technology using the latest in multimedia presentation. Our patient treatment clinic remains one of the most attractive facilities in North America, providing an excellent environment for both patients and students during the clinical training phase of the program. An ultra modern six-chair clinic provides an "actual" clinical practice experience for senior students.

BOARD ELIGIBILITY AND LICENSURE

A reciprocity agreement exists between the Canadian Dental Association and the American Dental Association making graduates from accredited Canadian or American dental programs eligible for licensure in either country. The written National Dental Examination Board (NDEB) and Objective Structured Clinical Examinations (OSCE) are taken in the final year of the D.M.D. program at the College of Dentistry, University of Saskatchewan. Once these are successfully completed students are eligible for licensure in any province in Canada.

Graduates from the College of Dentistry, University of Saskatchewan are also board eligible in each state or region of the United States. Dental licensing is under the authority of each state in the United States. For details of licensure, students should check with the state in which they plan to practice. Appropriate telephone numbers by state are listed on the web at www.ada.org/prac/careers/statebds.html

MICROSCOPE, INSTRUMENTS, EQUIPMENT, SUPPLIES, FEES, BOOKS

Students are responsible for the purchase of any required instruments. All students, upon registering for the first dental year, must obtain a microscope approved by the Department of Anatomy. Over the entire program the cost of such instruments is estimated at \$27,000, with the bulk of the expenditure incurred in the first two or three years.

REGISTRATION AND ATTENDANCE

Early registration by mail is available for all years of Dentistry.

Classes for all years begin Monday, August 25, 2003.

Late registration will be permitted only under exceptional circumstances, and by special ruling of the Faculty.

Students are required to attend all lecture and laboratory periods. Failure to do so without satisfactory reason, or failure to perform the course work to the satisfaction of the Faculty, will result in loss of credit for the course, exclusion from the final examination, or possible discontinuance.

Students cannot register for the full program of study in any session until they have completed the requirements of previous sessions.

Students may be required to discontinue the study of dentistry for non-academic reasons such as health.

SCHOLARSHIPS

Fifteen renewable scholarships are available annually to the top 15 Saskatchewan residents who are admitted to the College of Dentistry. In September 2003, each scholarship is valued at \$18,000 in Year One and renewable for three additional years at the same level of funding. Information on scholarships, loans and bursaries through the University of Saskatchewan can be found in the *Awards Guide* www.usask.ca/students/scholarships available online.

ACADEMIC REGULATIONS

For information governing examinations, students are referred to the University Council Regulations on Examinations section, Examinations & Grading section of the *Calendar*.

For information on College Regulations on Examinations, students are referred to the College office.

For Student Appeals in Academic Matters, Non Academic Student Discipline and Appeals and Student Academic Dishonesty Rules, see the Policies and Regulations section of the *Calendar* and www.usask.ca/university_council/reports.shtml

FEES, PAYMENT OF FEES, CANCELLATIONS AND REFUNDS, WITHDRAWAL AND COURSE CHANGES

See Tuition and Fee Information section of the *Calendar*.

COURSES

For details on courses in the College of Dentistry, see the Course Descriptions section of the *Calendar* under the following subject headings:

- Dentistry (DENT)