

## Nikou, Roshan

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**From:** Graduate.Council.Web.Site@www.uky.edu  
**Sent:** Tuesday, December 11, 2007 12:17 PM  
**To:** Nikou, Roshan  
**Cc:** Price, Cleo  
**Subject:** Investigator Report

AnyForm User: www.uky.edu  
AnyForm Document: <http://www.research.uky.edu/gc/GCInvestigatorReport.html>  
AnyForm Server: www.uky.edu (/www/htdocs/AnyFormTurbo/AnyForm.php)  
Client Address: 128.163.70.200

College/Department/Unit: = CDS 660 Research Design  
Category:\_ = New  
Date\_for\_Council\_Review: = Dec. 13  
Recommendation\_is:\_ = Approve  
Investigator: = speck  
E-mail\_Address = dfspeck@uky.edu  
1\_\_Modifications: = #6 should indicate fall semester - it will only be taught in the fall.  
2\_\_Considerations: =  
3\_\_Contacts: = Jeff Ebersole confirmed change.  
4\_\_Additional\_Information: = This is a new course for the MS program - it is appropriate and provides a solid, formal introduction to research principles and methods that will help the dentists to formulate effective research plans. It is an important addition to the revised program for this degree.

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UNIVERSITY SENATE ROUTING LOG

**Proposal Title:** CDS 660

**Name/email/phone for proposal contact:** Dr. Karen Novak knova2@uky.edu 323-8705

**Instruction:** To facilitate the processing of this proposal please identify the groups or individuals reviewing the proposal, identify a contact person for each entry, provide the consequences of the review (specifically, approval, rejection, no decision and vote outcome, if any) and please attach a copy of any report or memorandum developed with comments on this proposal.

Reviewed by: (Chairs, Directors, Faculty Groups, Faculty Councils, Committees, etc)	Contact person Name (phone/email)	Consequences of Review:	Date of Proposal Review	Review Summary Attached? (yes or no)
Mrs. Oversight Committee Graduate Faculty in Dentistry	Dr. K. Novak 323-8705 knova2@uky.edu	Full Approval	10/8/07	No

## APPLICATION FOR NEW COURSE

1. Submitted by College of Dentistry Date 7/20/07

Department/Division offering course Oral Health Practice/Division of Periodontology

2. Proposed designation and Bulletin description of this course



a. Prefix and Number CDS 660 b. Title\* Research Design, Methods and Dissimulation

\*NOTE: If the title is longer than 24 characters (including spaces), write

A sensible title (not exceeding 24 characters) for use on transcripts Research Design/Methods

c. Lecture/Discussion hours per week 2 d. Laboratory hours per week 0

e. Studio hours per week 0 f. Credits 2

g. Course description: This lecture/seminar course is designed to provide students with an overview of the basic principles of study design and protocol development, with a focus on clinical and translational research. It also is designed to expose students to the interplay between patient care and clinical/translational research and to provide the students with tools that will assist them in dissemination of their research findings.

h. Prerequisites (if any): Admission to dental graduate program

i. May be repeated to a maximum of 0 (if applicable)

4. To be cross-listed as None

Prefix and Number

Signature, Chairman, cross-listing department

5. Effective Date Fall 2008 (semester and year)

6. Course to be offered  Fall  Spring  Summer

7. Will the course be offered each year?  Yes  No

(Explain if not annually)

8. Why is this course needed?

This course will become part of the Core Curriculum and is designed to provide foundational knowledge in research design, methods and dissemination to residents obtaining their Master of Science degree.

9. a. By whom will the course be taught? Dr. Jeff Ebersole (Course director) in association with other faculty in the Medical Center and College of Dentistry

b. Are facilities for teaching the course now available?  Yes  No

If not, what plans have been made for providing them?

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10. What enrollment may be reasonably anticipated? 10-15 students enrolled primarily in Orthodontics, Periodontology, Orofacial Pain and Pediatric Dentistry

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11. Will this course serve students in the Department primarily?  Yes  No

Will it be of service to a significant number of students outside the Department?  
If so, explain.  Yes  No

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Will the course serve as a University Studies Program course?  Yes  No

If yes, under what Area? \_\_\_\_\_

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12. Check the category most applicable to this course

traditional; offered in corresponding departments elsewhere;

relatively new, now being widely established

not yet to be found in many (or any) other universities

13. Is this course applicable to the requirements for at least one degree or certificate at the University of Kentucky?  Yes  No

14. Is this course part of a proposed new program:  Yes  No

If yes, which? \_\_\_\_\_

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15. Will adding this course change the degree requirements in one or more programs?  Yes  No

If yes, explain the change(s) below (NOTE – If “yes,” a program change form must also be submitted.)

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16. Attach a list of the major teaching objectives of the proposed course and outline and/or reference list to be used. Please see attached syllabus.

18. If the course is 400G or 500 level, include syllabi or course statement showing differentiation for undergraduate and graduate students in assignments, grading criteria, and grading scales.  Check here if 400G-500.

19. Within the Department, who should be contacted for further information about the proposed course?

Name

Dr. Jeff Ebersole

Phone Extension 323-5357



APPLICATION FOR NEW COURSE

Signatures of Approval:

10/8/07

Date of Approval by Department Faculty

10/8/07

Date of Approval by College Faculty

\*Date of Approval by Undergraduate Council

\*Date of Approval by Graduate Council

11/20/07

\*Date of Approval by Health Care Colleges Council (HCCC)

\*Date of Approval by Senate Council

\*Date of Approval by University Senate

*Jeffrey P. Ol*  
*Mark A. Turner*

Reported by Department Chair

*Sharon A. Turner* 10/25/07  
Reported by College Dean

Reported by Undergraduate Council Chair

Reported by Graduate Council Chair

*Heidi M. Anderson*

Reported by Senate Council Office

Reported by Senate Council Office

\*If applicable, as provided by the Rules of the University Senate

# CDS 660 Course Syllabus & Schedule

## FALL 2008

**Course Director:** Jeffery L. Ebersole, Ph.D.  
Associate Dean for Research  
Office: 422 Health Sciences Research Building  
Phone: 323-5357  
E-mail: jleber2@uky.edu

### A. General Information:

Course Designation: Research Design, Methodology and Dissemination  
Type of Course: Required  
Starting Date: August 27, 2008  
Ending Date: December 3, 2008  
Credit Hours: 2

### B. Purpose:

This lecture/seminar course is designed to provide students with an overview of the basic principles of study design and protocol development, with a focus on clinical and translational research. It also is designed expose students to the interplay between patient care and clinical/translational research. Finally, it is designed to provide the student with tools that will assist them in dissemination of their research findings, through the venues of formal presentation and publication.

### C. Course Goals

1. **understand** the requirements for humans subjects research,
2. **describe** the design and conduct of scientifically sound research,
3. **understand** processes to develop a research proposal
4. **provide** background for understanding the psycho-social aspects of clinical research,
5. **develop** skills in clinical/research presentations and publication

### D. Outcomes:

At the end of this course the student should be prepared to begin developing their M.S. research question and protocol.

### E. Learning Resources:

As assigned/recommended by individual instructors

### F. Course Format:

The course meets on Wednesdays from 8:00-10:00 a.m. The attached schedule lists locations, topics and the faculty who will lead the sessions. The faculty will select the format for each topic: conference, seminar, discussion group, or lecture.

## G. Faculty

Name	Office	Phone	E-mail
Jeffrey L. Ebersole	HSRB-422	3-5357	<a href="mailto:jleber2@uky.edu">jleber2@uky.edu</a>
Ron Botto	M134 Dental Science Bldg.	3-5656	<a href="mailto:ron.botto@uky.edu">ron.botto@uky.edu</a>
Joe Brown	405 Kinkead Hall	7-9084	<a href="mailto:jrbrow3@uky.edu">jrbrow3@uky.edu</a>
Heather Bush	205C CPH	7-5678 x82080	<a href="mailto:hmbush0@uky.edu">hmbush0@uky.edu</a>
James Cecil	109C CPH	3-6400	<a href="mailto:jimc@email.uky.edu">jimc@email.uky.edu</a>
Amit Chattopathy	209C CPH	7-5678 x82226	<a href="mailto:achat4@email.uky.edu">achat4@email.uky.edu</a>
Richard Clayton	110B CHS	7-5678 x82037	<a href="mailto:clayton@uky.edu">clayton@uky.edu</a>
Thomas Kelly	134 College of Medicine Office Bldg.	3-5206	<a href="mailto:thkelly@pop.uky.edu">thkelly@pop.uky.edu</a>
Karen Novak/DGS	D-448	3-8705	<a href="mailto:knova2@uky.edu">knova2@uky.edu</a>
M. John Novak	D-540	3-5159	<a href="mailto:mjnova2@uky.edu">mjnova2@uky.edu</a>
Sarah Rosenthal	131 College of Medicine Office Bldg.	7-9474	<a href="mailto:msrose2@uky.edu">msrose2@uky.edu</a>
Judy Skelton	333 Waller Ave.	3-2796	<a href="mailto:jskel0@uky.edu">jskel0@uky.edu</a>
Mark Thomas	D444 Dental Science Bldg.	3-6810	<a href="mailto:mvthom0@uky.edu">mvthom0@uky.edu</a>
Geanie Umberger	MN150 Wm R Willard Medical Center	3-4779	<a href="mailto:ghumbe00@email.uky.edu">ghumbe00@email.uky.edu</a>
Robin Vanderpool	A230 2365 Harrodsburg Rd	219-9063 x7467	<a href="mailto:robin@cis.uky.edu">robin@cis.uky.edu</a>

## H. Evaluation and Grading

Your performance will be assessed by an examination on the information provided during the lectures. This grading approach falls within the purview of the College of Dentistry's *Code of Professional and Academic Responsibility* and rules set forth in the University of Kentucky's *Student Rights and Responsibilities*. If you have questions about these policies, please consult the course director before the examination.

Grades will be earned as follows:

- A= high achievement (90-100)
- B= satisfactory achievement (80-89)
- C= minimum passing grade (70-79)
- E= failure (<70)

## J. Attendance Policy:

Attendance is required at all classes. Excused absences must be approved by the Course Director.

## K. Make-Up Policy:

Missed final examination due to an excused absence may be made up without penalty.

Missed final examination due to an unexcused absence may not be made up and the student will



receive a “0” for the examination.

A failed examination may not be retaken.

**L. Remediation:**

There will be no remediation for this course. Failure of the course will result in the need to retake the entire course the next time it is offered.

**M. Cheating and Plagiarism:**

All course activities are conducted under the College of Dentistry *Code of Professional and Academic Responsibility*. The College has high expectations of each student concerning professional and academic responsibilities including self-governance. If you have questions about expected standards of behavior, it is your responsibility to discuss and clarify these questions with the course director.

**CDS 660 COURSE SCHEDULE**  
**FALL 2008**

**Course Director:** Dr. Jeffrey L. Ebersole  
**Dates:** August 27 – December 3, 2008  
**Hours and Day:** Wednesdays from 8:00 – 9:50 a.m.

Session	Date	Room	Topic	Instructor
1	Aug. 27	MN542	<b>Introduction to Course</b>	J. Ebersole
			<b>Translational/Clinical Research</b>	
	Aug. 27		Introduction to Translational/Clinical Research	T. Kelly
2	Sept. 3		Developing a Clinical Research Protocol	J. Novak
3	Sept. 10		Institutional Review Board Human Subjects Protection HIPAA	J. Brown
4	Sept. 17		CR-Doc: Patient focused clinical research infrastructure	G. Umberger
			<b>Public Health</b>	
5	Sept 24		Epidemiology/Study Design	A. Chattopadhyay
6	Oct 1		Understanding Data Analysis/Data Management & Databases	H. Bush
7	Oct 7		Causal Hypotheses and Causation in Biomedical Sciences	A. Chattopadhyay
8	Oct 14		Public Health/Community-Based Research	J. Cecil
			<b>Psycho-Social Aspects of Patient Care and Clinical Research</b>	
9	Oct 22		Risk Assessment and Health Promotion/ Risk Behaviors	R. Vanderpool D. Clayton
10	Oct 29		Clinical & Research Ethics/ Social Justice	S. Rosenthal
11	Nov 5		Preparing a Presentation	J. Skelton
			<b>Reviewing the Literature/Preparing a Manuscript</b>	
12	Nov. 12		Critical Evaluation of Literature/Evidence-based Medicine/Dentistry	J. Ebersole M. Thomas
13	Nov. 19		Preparing a Manuscript for Peer Review	J. Ebersole
14	Nov. 26		Models of Communication/ Behavioral Sciences	Ron Botto
15	Dec 3		Evaluation/Review	J. Ebersole

Students enrolled:

<b>Program</b>	<b>Student</b>
<b>Pediatric Dentistry</b>	
<b>Orofacial Pain</b>	
<b>Orthodontics</b>	
<b>Periodontics</b>	