Clinical Nutrition and Metabolism

See Internal Medicine (IMD), on page 437.

Clinical Psychology

See Medicine, School of, on page 427.

Clinical Research (A Graduate Group)

David M. Rocke, Ph.D., Chairperson of the Group

Group Office. CTSC, 2921 Stockton Blvd., Sacramento, CA 95817 916-703-9110

Faculty

Timothy Albertson, M.D., Ph.D.
[Internal Medicine: Pulmonary and Critical Care Medicine]

Aaron Bair, M.D. [Emergency Medicine]

Laurel Beckett, Ph.D. [Public Health Sciences]

Lars Berglund, M.D., Ph.D.
[Internal Medicine: Endocrinology, Clinical Nutrition, and Vascular Medicine]

Catherine Cansino, M.D., M.P.H.
[Internal Medicine: Obstetrics and Gynecology]

Cameron Carter, M.A.B.S. [Psychiatry and Behavioral Sciences]

Fernando Fierro, Ph.D.
[Cell Biology and Human Anatomy]

James F. Holmes, Jr., M.D. (Pediatrics)

Roslyn Rivkhai Isseroff, M.D. [Nursing]

Nicholas J. Kenyon, M.D. [Internal Medicine: Pulmonary and Critical Care Medicine]

Kyoungmi Kim, Ph.D. [Public Health Sciences]

Richard Kraitz, M.D., M.S.P.H. [Internal Medicine: Endocrinology, Clinical Nutrition, and Vascular Medicine]

Kit S. Lam, M.D., Ph.D. [Biochemistry and Molecular Medicine, Internal Medicine: Hematology and Oncology]

Nancy Lane, M.D.
[Internal Medicine: General Medicine]

Primo Nery Lara, Jr., M.D.
[Internal Medicine: Hematology and Oncology]

Joy Melinkow, M.D., M.P.H.
[Family and Community Medicine]

Fred Meyers, M.D.
[Internal Medicine: Hematology and Oncology]

John M. Olichney, M.D. [Neurology]

Sally Ozonoff, Ph.D.
[Psychiatry and Behavioral Sciences]

David Pleasure, M.D. [Neurology]

Richard Pollard, M.D. [Internal Medicine: Infectious and Immunologic Diseases]

David M. Rocke, Ph.D. [Public Health Sciences, Biomedical Engineering]

Michael A. Ragawski, M.D., Ph.D. [Neurology]

Patrick Romano, M.D., M.P.H.
[Pediatrics, Internal Medicine]

Saul Schaefer, M.D. [Internal Medicine: Cardiovascular Medicine]

Julie Schweitzer, Ph.D.
[Psychiatry and Behavioral Sciences]

Tony J. Simon, Ph.D.
[Psychiatry and Behavioral Sciences]

Dan Tancredi, Ph.D. (Pediatrics)

Alice F. Tarantal, Ph.D.
[Cell Biology and Human Anatomy]

Mark Vanborghorst, Ph.D. (Internal Medicine)

Graduate Study. Graduate Group in Clinical Research (GGCR) is an interdisciplinary graduate group in clinical research with a Master of Advanced Study degree in Clinical Research. The GGCR provides a solid clinical/translational, patient-oriented research foundation for junior faculty, clinical and pre-clinical fellows, and post-doctoral scholars. The program centers around three core elements: didactic instruction, mentored research, and special experiences:

- Mandatory course work includes biostatistics, epidemiology, patient-oriented research, health services research, data management/informatics, scientific communication, research management, responsible conduct of research and career development. The instruction includes a 12-week summer curriculum followed by a one- or two-year core curriculum and electives that can be tailored to best meet each scholar's career development needs.

- Degree Offered. M.A.S. Plan II

- Degree Requirements can be found at http://www.ucarcm.ucdavis.edu/ctc/area/education/clinicalresearch/GraduateGroup/ cgg_degree_curriculum.html

Coaching Principles and Methods

[College of Letters and Science]

The Coaching Principles and Methods minor is an interdisciplinary minor open to undergraduates in all four colleges. Students must complete a statement of interest to assist in placing them in future internships. This form is available in the Physical Education Program Office, in 264 Hickey Gym, and may be turned in at any time.

Minor Program Requirements:

Coaching Principles and Methods........20

Physical Education 1: Students must complete a minimum of two Physical Education 1 courses in two different activities or sports........1

Physical Education 7........................................1

Physical Education 100..................................2

Physical Education 143..................................2

Physical Education 141..................................3

Physical Education 192..................................2

Required Minor Electives

A minimum of eight units with courses from at least two different departments. One course must be taken from race/class/gender list. Second course can be from race/class/gender list or from sociocultural issues and settings list.


Sociocultural Issues and Settings List: American Studies 115, 130, 152, Anthropology 141B, Education 115, 122, 153, Exercise Biology 102, 121, 122, Human Development 100B, 110, Native American Studies 134, Physical Education 120, Psychology 126, 140, 151, 157, 158, 161, 162, 168, Sociology 122, 123, 134, 131, 133, Women’s Studies 140

PHE 192 has a prerequisite of junior/senior standing. PHE 192 cannot be taken until after a student has completed more than 90 total units. PHE 192 internship must be in a coaching or teaching setting. Setting must be approved in advance by the coaching minor adviser before a CRN will be issued.

Minor Adviser. Lou Bronzani, 530-752-5541 or sbbronzan@ucdavis.edu

Advising Center. 289 Hickey Gym

Cognitive Science

[College of Letters and Science]

Bernard Malyneux, Ph.D., Program Director

Program Office. 101 Young Hall; cogsciadvising@ucdavis.edu; http://cogsci.ucdavis.edu/

Committee in Charge

Raul Aranovich, Ph.D. (Linguistics)

David Carina, Ph.D. (Linguistics)

Zoe Drayson, Ph.D. (Philosophy)

John Henderson, Ph.D. (Psychology)

Steven Luck, Ph.D. (Psychology)

Bernard Malyneux, Ph.D. (Philosophy)

The Major Programs

The Cognitive Science major is designed to provide a broad interdisciplinary approach to the study of mind that includes courses from different departments and attracts students with a variety of interests. It emphasizes a multi-faceted approach to the study of mind that integrates concepts and techniques from psychology, artificial intelligence, linguistics, neurology, philosophy and other relevant fields.

For students interested in the liberal arts the Cognitive Science major can be pursued as a Bachelor of Arts (B.A.) program. Alternatively, it can be pursued as a Bachelor of Science (B.S.) program for students with a stronger interest in the mathematical, neurological and computational foundations of the discipline. The main objective of both programs is to provide the student a broad grounding in the integrated sciences of the mind and to connect approaches from different fields. Students must complete a number of core courses for the degree, as well as a number of specialty courses on such wide-ranging topics as logic for artificial intelligence, computational linguistics, cognitive neuroscience, animal cognition and the psychology of music.

Career Alternatives. A degree in cognitive science provides broad intellectual foundations useful for careers in a variety of areas, including teaching, business, social work/counseling and the information technology industry. An undergraduate education in cognitive science also prepares the student for graduate study in appropriate subfields of psychology, linguistics, philosophy and informatics. It is also suitable training for pre-medicine, pre-law, and pre-management students.

A.B. Major Requirements:

Preparatory Subject Matter........28

Linguistics 1..........................4

Philosophy 10..........................4

Philosophy 13G..........................4

Psychology 1..........................4

Psychology 41..........................4

Statistics 13..........................4

Philosophy 12..........................4

Depth Subject Matter........44

All courses from group A........12

Group A: Core

One 4-unit upper division course in cognitive science, Psychology 101.

Group B: Computation

Two courses from group B........4

Group B: Programming

Linguistics 177, Philosophy 133