

The Graduate Program in Clinical Science

Introduction

The Clinical Science Program at U.C. Berkeley is a member of the Academy of Psychological Clinical Science, which is a coalition of doctoral training programs that share a common goal of producing and applying scientific knowledge to the assessment, understanding, and amelioration of human problems. Membership in the Academy is granted only after a thorough peer review process. Its membership in the Academy indicates that the Clinical Science Program at U.C. Berkeley is committed to excellence in scientific training, and to using clinical science as the foundation for designing, implementing, and evaluating assessment and intervention procedures.

The following excerpt from the Academy's mission statement and the subsequent principles written by our faculty capture our program philosophy:

Clinical science is a psychological science directed at the assessment, understanding, and amelioration of human problems in behavior, affect, cognition, or health, and at the application of knowledge to such problems in ways consistent with scientific evidence. The emphasis on the term "science" underscores a commitment to empirical approaches to advancing knowledge.

Principles that Guide the Clinical Science Program

- 1) Discovery in clinical science requires exposure to clinical and community phenomena.
- 2) Translational research is essential and requires moving from discovery to application (in assessment, treatment, and prevention) and back to discovery.
- 3) Breadth of understanding is needed across domains and levels of the phenomenon (from genetic, biological, psychological, developmental, social, cultural, and societal).
- 4) Depth of training is needed in an integration of theory, research, and application around a particular problem that can generalize to other problems and modes of intervention.
- 5) Discovery and application are enhanced in a training context of diversity (in theoretical perspectives, clinical and social problems, and faculty/student background).

Scholarship, Research and Clinical Training: Goals and Objectives

The training prepares students for future roles as researchers and teachers in university and medical settings, and as leaders in the provision of human services through community agencies. The program's goals and objectives are as follows:

Goal I: Competence in scholarship

Objective: *Students should demonstrate competence in scholarship related to the: (1) breadth of scientific psychology; (2) scientific, methodological, and theoretical foundations of assessment; and (3) diagnosis, etiology, and treatment of psychopathology.*

Goal II: Competence in research

Objective: *Students should demonstrate competence in: (1) designing research; (2) conducting research; (3) disseminating research; and (4) conducting research ethically.*

Goal III: Competence in clinical practice

Objective: *Students should demonstrate competence in: (1) conducting psychological assessments; (2) delivering interventions; (3) utilizing and providing supervision; (4) providing consultation; and (5) conducting clinical practice ethically.*

Accreditation

PCSAS – Psychological Clinical Science Accreditation System

The Clinical Science Program at the University of California, Berkeley was accredited in 2013 by the Psychological Clinical Science Accreditation System (PCSAS). PCSAS was created to promote superior science-centered education and training in clinical psychology, to increase the quality and quantity of clinical scientists contributing to the advancement of public health, and to enhance the scientific knowledge base for mental and behavioral health care. The Berkeley program is deeply committed to these goals and proud to be one of the select group of programs accredited by PCSAS. To correspond with PCSAS, or for additional information:

<http://www.pcsas.org/>

APA – American Psychological Association

The Clinical Science Program, a doctoral program in Clinical Science, accredited as a program in clinical psychology, has been accredited by the American Psychological Association since 1948. (Office of Program Consultation and Accreditation, American Psychological Association, 750 First Street NE. Washington, DC 20002-4242. Telephone: 202-336-5979)

Future Accreditation Plans

The clinical science doctoral program at the University of California, Berkeley provides students with the highest quality training in the integration of science and practice. Reflecting this, the program has been accredited continuously by the American Psychological Association (APA) since 1948 and by the Psychological Clinical Science Accreditation System (PCSAS) since 2013. The staggering personal, social, and economic burdens of mental illness and related problems and the difficulty of making progress in reducing these burdens has created an increasing need for training clinical psychologists who have more intensive clinical research training, greater experience working in interdisciplinary research teams, broader exposure to a range of clinical problems, and deeper knowledge in emerging fields (e.g., neuroscience and genetics).

The clinical science program at the University of California, Berkeley is committed to training clinical psychologists who are prepared to make significant contributions to basic research on mental illness and well-being; to the development, evaluation, delivery, and dissemination of new assessments and treatments; and ultimately to reducing the burden of mental illness and related problems in living. Increasingly we view the evolving curricular and other demands associated with APA accreditation as interfering with this approach to training. For this reason, we will seek one more cycle of accreditation by APA when our current accreditation ends in 2016. Thereafter, we will consider not continuing accreditation with APA. To ensure the highest level of excellence and integration of scientific and applied clinical training, we will continue to maintain PCSAS accreditation (our program is currently accredited by PCSAS through 2023).

Applicants to our program may have concerns about the implications of these changes for professional training, licensure, and employment. Regardless of whether we decide to continue APA accreditation, our program will remain committed to training students who are among the

field's best clinical psychologists, fully prepared for positions at the forefront of modern clinical science and practice. In service of this goal, we will continue to maintain our in-house Psychology Clinic, which plays a central role in providing clinical training for our students, houses numerous clinical research projects, and provides high quality clinical services to the Berkeley community. Further, our graduates will still be eligible for professional licensure in California, in states that recognize both PCSAS and APA accreditation (currently Delaware and Illinois, and under consideration in a number of other states), and in states that do not require APA accreditation.

The Clinical Science Program

The Berkeley academic year is divided into two semesters. The academic year begins in late August and ends in mid-May. Summer is usually a time for research, special studies, and/or for additional clinical experiences. Normally students take 12-15 units of credit each semester, fulfilling the program's course requirements prior to beginning their full-time Clinical Internship. Our expectation is that work on the dissertation will begin in Year 4 or 5 and be completed by the end of Year 5 or 6. In addition, a year-long full-time clinical internship in an APA-approved setting is required of all students. Thus, the typical student will spend four to six years in residence at Berkeley plus one year at the internship site, at or near the completion of the dissertation. Also, note that even if the dissertation is completed earlier, students cannot receive their degree until their internship hours are certified.

The faculty advisor plays an important role in a student's training. At the beginning of Year 1, each student is matched with a faculty advisor, usually one of the core Clinical Science Program Faculty, who supervises the student's research. In subsequent years, the student is free to continue working with that person or to seek a new research advisor. In addition to research supervision, the advisor works with the student in planning a program that fits that student's interests, while at the same time meeting program requirements for a well-rounded education. If a student is conducting research under the supervision of someone other than a core Clinical Science Program Faculty member (e.g., a faculty member in another area of the Psychology Department), then a core Clinical Science Program Faculty member is assigned to advise that student in matters related to clinical training.

In the next section, the required courses and activities that constitute the graduate program are listed, followed by a year-by-year description of a sample program. This sample program is only a model; the actual sequence and content of an individual student's program is developed in collaboration with the advisor.

Curriculum

Departmental Requirements

1. Introduction to the Profession of Psychology (2 units)

Incoming graduate students in all Department Programs are required to attend the seminar entitled "Introduction to the Profession of Psychology" (Psy 292). This seminar provides both a broad review of the field of psychology and an introduction to Psychology Department faculty members who will discuss their particular programs as well as summarize current developments in their areas. The seminar will also cover topics in

professional development (e.g., scientific writing, convention presentations, journal review processes, professional and scientific ethics, and special issues facing women and minority psychologists). Students take Psy 292 in the Fall semester of Year 1.

2. Seminar on Professional Development (2 units)

Second or third-year graduate students in all Department programs are required to attend the Seminar on Professional Development (Psy 293) in the spring of the second or the third year in the program. This seminar focuses on various issues related to professional development. The seminar participants select actual topics at the beginning of the semester. Topics may include planning a research program, preparing for qualifying exams, choosing a dissertation committee, identifying career options, presenting work at conferences and in journals, preparing grant proposals, preparing for job interviews, juggling professional and personal life, and recognizing obstacles in career development. Psy 293 is usually taught each year in the Spring semester, and students take this during Year 2 or 3 of the program.

3. Statistics (6 units required)

All students are required to take two statistics courses while a student in residence in the program. Students typically take statistics courses taught in Psychology (e.g., Data Analysis: Psy 205A & 205B) but, in consultation with their advisor, may choose to take courses taught in other departments to fulfill the statistics requirement. Psy 205A and Psy 205B are usually taught each year. Students typically take these courses in Year 1 or Year 2 of the program.

4. Teaching of Psychology (2 units)

Students must enroll in the Teaching of Psychology seminar (Psy 300) before or concurrent with assuming GSI responsibilities. It is strongly recommended that students take this seminar in the fall of Year 1 or Year 2. This course covers a variety of teaching techniques, reviews relevant pedagogical issues, and assists graduate students in mastering their initial teaching experiences.

5. Individual Research (1-12 units per semester)

Beginning in the first semester of Year 1 and continuing throughout their years in residence, all students are required to register for individual research supervision (Psy 299) with a faculty member.

Clinical Science Program Requirements

6. Clinical Science Program Colloquia Series (1 unit per semester).

All students registered and in residence are required to enroll in and attend clinical science colloquia (Psy 239) every semester. In this course, students, faculty, and guest speakers present material of concern to the field of clinical science. The Clinical Science Program Colloquia meets 4 or more times each semester. These colloquia, as well as other program meetings to be scheduled on an impromptu basis, are held each semester on Tuesdays, 3:30-5:00. Students should keep this time slot (Tuesdays 3:30-5:00) free for colloquia and any such meetings. To facilitate this, no Psychology Clinic appointments are scheduled Tuesdays from 3:30-5:00.

7. Proseminar: Clinical Psychology (3 units)

The Proseminar in Clinical Psychology (Psy 230) is a review of the history and theory of the field of clinical psychology. The course covers adult and child psychopathology, ethnic minority mental health, culture and community influences. This is taken in Year 1 of the program.

8. Introduction to Clinical Methods (1 unit)

In the Spring semester of Year 1, students enroll in Intervention: Introduction to Clinical Methods (Psy 237H). This workshop-style course focuses on Psychology Clinic policies and procedures and introduces students to clinical supervisory staff. It includes training in conducting telephone consultations and initial consultations with clients through role playing a variety of interview and therapy scenarios.

9. Research Methods (3 units)

This requirement may be fulfilled by 235 Clinical Research Methods. This requirement can also be fulfilled by 250D-Personality Measurement which is taught by Oliver John or, with approval from your mentor, any research methods course on campus.

10. Clinical Assessment: Theory, Application, and Practicum (6 units)

The two-semester Clinical Assessment course (Psy 233A: Adult--3 units; Psychology 233B: Child--3 units) emphasizes the principles and methods of clinical interviews and includes intellectual, objective, and projective clinical assessment. One semester focuses on adult assessment; the other semester focuses on child and adolescent assessment. The courses include both didactic instruction and hands-on assessment experience with clients. Psy 233A & B are taught alternately each spring. Students take these courses in Years 1 and 2.

Note: All Clinical Science students in residence must carry APAIT Student Liability Insurance. Students apply for this insurance (<http://www.apait.org/apait/>) at the beginning of the first semester upon arrival in the program and renew it annually. The Clinical Science Program reimburses the cost of the coverage for clinical work conducted in the Psychology Clinic. Copies of the policy must be on file in the Clinic Office. See Johanna for further instructions.

11. Specialty Clinics (3 units per semester for the specialty clinic course, and 1 unit per semester for clinical supervision; **four semesters are required in Years 2 and 3.**)

Each year two or more Specialty Clinics are offered. Each Specialty Clinic (Psy 236) defines a clinical population, intervention issue, or community context to be served that year. The Specialty Clinic is a course in which the topic of interest is studied by reviewing the empirical literature, defining and developing an intervention/consultation, marketing and delivering the intervention/consultation, and evaluating the effectiveness of the intervention/consultation. Along with the Specialty Clinic course, students receive clinical supervision (Psy 237G, a separate course requiring separate enrollment). Students are required to enroll in a Specialty Clinic course and in clinical supervision each semester in Years 2 and 3.

12. Professional Development in Clinical Psychology (3 units per semester; **four semesters are required in Years 2 and 3.**)

Students working in the Psychology Clinic meet for two hours (plus one hour for individual meetings) per week to discuss Professional Development in Clinical Science including: theories of consultation; theories of supervision and supervision competencies; ethical standards of clinical care (risk management, risk assessment, informed consent, professional boundaries and behavior, HIPAA regulations, confidentiality and the limits on client-therapist confidentiality, documentation.) (Psy 237E) Students are required to enroll in this course each semester in Years 2 and 3.

13. Clinical Assessments

Students are required to complete 2 assessments between Years 2 and 4 through the Psychology Clinic. If an Assessment Specialty Clinic is offered, enrolling in the Assessment Specialty Clinic may take the place of some or all this requirement.

14. Breadth Courses

To meet requirements for APA accreditation of the Clinical Science program, students are required to take courses that provide “broad and general coverage” of the foundational theories, methods, and findings in:

- A. History and Systems
- B. Biological Aspects of Behavior
- C. Cognitive and Affective Aspects of Behavior
- D. Social Aspects of Behavior
- E. Human Development

For the other five requirements (A-E above), students will want to take courses that provide broad and general coverage in each of the areas (see Nos 1-4 below each area). For a course to meet the “broad and general” requirement, it must meet the following criteria:

- A. Covers major theories in the area
- B. Covers major methods in the area
- C. Covers major research findings in the area
- D. Is comprehensive in its coverage of the area

This comprehensiveness criterion requires additional elaboration. Many excellent graduate courses provide in-depth coverage of a particular aspect of a field (e.g., a course in the area of Human Development that focuses on attachment theory, a course in the area of Biological Aspects of Behavior that focuses on neuroimaging methodology). Such courses would be superb electives, but their narrow focus works against their providing broad and general coverage. On a related note, meeting the Cognitive and Affective Aspects of Behavior requirement with a single course can be challenging, given that many courses deal with one and not the other. Finally, meeting the Human Development requirement requires a course that covers all stages of the lifespan (rather than focusing solely a particular life stage such as infancy and early childhood).

Proseminar courses offered by the different areas of the department are good candidates for providing broad and general coverage. Courses offered in other departments (e.g., Public Health, Social Welfare, Education) should also be considered.

Given the realities of graduate courses at Berkeley, it may be necessary to supplement

existing courses so that they fully meet the “broad and general” criteria. To do this, a student may propose to supplement a particular course with a plan of additional readings, workshops, sessions in other courses, etc., that broaden and complete coverage.

Approval for a student’s plan to meet each breadth requirement needs to be obtained first from the research advisor and then from the entire Clinical Science faculty. At both stages the student must provide full documentation that shows how broad and general coverage is to be achieved for a particular breadth requirement (course syllabi, reading lists, workshop descriptions, records of attendance, etc.). Once approved by the research mentor, the documentation is to be submitted to Johanna and then considered by the faculty (these proposals will be reviewed once per semester with deadlines announced at the start of each academic year).

Notes:

1. A student may fulfill up to 50% of the program’s required breadth courses with courses taken while that student was enrolled in another graduate program (MA or Doctoral). Such courses must meet the same criteria and must be approved and documented in the same way as described above.
2. Undergraduate courses or graduate-level courses completed while enrolled as an undergraduate student may not be used to meet breadth requirements.
3. If a course is counted to fulfill one breadth requirement, it cannot be used to fulfill another breadth requirement, or to fulfill any other program requirement.

Guide to Breadth Requirements

Your portfolio will need to cover each of the bulleted points. Each breadth requirement should equate to a typical graduate level course in terms of the amount of time. You also need to demonstrate competency in the material for each breadth requirement.

Human Development

- Motor development
- Cognitive development
- Socioemotional development
- Language development

Social aspects of behavior

- Self
- Social cognition
- Stereotype/prejudice
- Relationships

Cognitive and affective aspects of behavior

- Theories of emotion

- Emotion and the nervous system
- Emotion and cognition
- Cognitive processes (e.g., memory, attention, executive control)

Biological aspects of behavior

- Central nervous system
- Peripheral nervous system
- Behavioral neuroscience
- Biology of learning and memory

15. Electives

Students are encouraged to take as many elective courses as their schedules will allow. Elective courses might include: courses offered by other Psychology Department graduate programs and/or courses offered by other graduate departments. Choice of electives should be made in consultation with the student's faculty advisor. In addition, students are encouraged to attend colloquia offered by other graduate programs, both in the Psychology Department and campus-wide.

16. Diversity and Ethnic Minority Issues

The discussion of diversity and ethnic minority issues takes place in most Clinical Science Program courses. Students are encouraged to take additional courses in diversity and ethnic minority issues while enrolled in the graduate program. Students with particular interests in the field of ethnic minority mental health and in cross-cultural psychology are also encouraged to seek internship experiences and to focus their research efforts in this field.

17. Ethics and Professional Issues

Ethics and other professional issues constitute an important part of training in clinical science. These issues are discussed in a number of contexts including the Clinical Psychology Proseminar, Professional Development in Clinical Science, Specialty Clinics, Lab Meetings, Individual Supervision, and Clinical Science Program Colloquia.

Other Program Requirements

1. First-Year Research Proposal

On the last day of the Spring semester in Year 1, students submit for review by the core Clinical Science Program Faculty a brief proposal (not more than two pages) describing their second-year research project. Students work closely with their faculty advisors to develop these proposals. In addition, a portion of the course time in the Clinical Psychology Proseminar will be devoted to helping students complete them. The completed proposal is to be sent electronically to Johanna at jocates@berkeley.edu. If the project is not completed by the last day of Spring semester in Year I, a student may petition for an extension to the Director of the Program. However, a student will not be considered to be in good standing until the project is completed.

2. Masters-Level Research

All students enrolled in the Clinical Science Program must complete a Masters-Level Research project regardless of having received an MA from another institution. The final version of a paper/thesis based on a research project is to be completed and approved by the *last day of Spring Semester of Year 3*. Please consult the academic calendar for the specific date: <http://registrar.berkeley.edu/CalendarDisp.aspx?terms=current>. If the project is not completed by this time, a student may petition for an extension to the Director of the Program. However, a student will not be considered to be in good standing until the project is completed. The paper need only be approved by the research advisor unless the student wishes to receive a Master's degree, in which case the thesis must be approved by the research advisor and two readers. (*See Johanna for the appropriate internal approval form for advisor signature only.*)

Additional paperwork is required if the student wishes to apply for a Master's degree. For this application, please refer to this link: <http://grad.berkeley.edu/policies/pdf/Mastcand.pdf> Students planning to file for a Master's degree should consult the Student Calendar in the Schedule of Classes for actual deadline dates. Applications for admission to candidacy are available in the Psychology Department's Student Services Office, or directly at: <http://grad.berkeley.edu/policies/pdf/PlanB.pdf>. The application for the MA must be submitted to the Graduate Division by the **September deadline date for a December degree** and the **February deadline date for a May degree**. Completed Master's theses must be filed no later than the respective deadlines in December or May.

Note: Copies of all official forms must be supplied to Johanna, and the Psychology Department Graduate Student Advisor, prior to submission to the Graduate Division.

Each second-year student is expected to present his/her Masters-Level Research Project at a special Department-wide poster session organized in mid-May. In addition, Clinical Science Program students are required to present on their Masters-Level research projects in the Clinical Science Colloquia series in the Fall of Year 3.

Please forward an electronic copy of your final MA-Level Project to Johanna. (jocates@berkeley.edu)

3. Graduate Student Instructor (GSI)

During their careers at Berkeley, Psychology graduate students are required to spend two semesters as Graduate Student Instructors (GSI). The Department may require one of these semesters to include Psychology 1 (Introductory Psychology) or 101 (Statistics). Psychology 375 (Teaching Psychology – 2 units) is required of all graduate students in the Department. This seminar must be taken before or concurrent with first assuming GSI responsibilities. It is recommended that students take the seminar in the fall of Year 1.

Note: For all questions related to GSI placement and funding, please contact Psychology Graduate Student Advisor, John Schindel at 642-1382 or jschindel@berkeley.edu.

4. Qualifying Examination.

During Year 3, students should select a qualifying examination committee. The committee consists of at least four members: a chair (this person cannot be the student's dissertation chair, per University regulations), two members from Psychology (usually including the student's advisor), and one member outside the Psychology Department. Students will work

with their committee members to select the three areas and written products that will serve as the basis of the Ph.D. Qualifying Examination ("orals"). This requirement is designed to recognize career-enhancing activities that have taken place during the first three years of the program. As such, the three written products that constitute the written part of the Qualifying Examination can include a number of options. Note that only one may be a clinical case or conference paper:

- A. **First-authored publication:** *First-authored scientific or clinical case publication submitted to a peer reviewed journal. Note: The substantive portion of all first-authored papers must be written after entering the program to be considered for the Qualifying Examination, even if the data were collected elsewhere. First-authored book chapters will not count toward the written requirement of the Qualifying Examination.*
 - B. **Conference presentation:** *First-authored written conference paper – scientific research paper or clinical case presentation presented at a conference. A first-authored poster will not count.*
 - C. **Substantive grant application:** *For example, a National Research Service Award (NRSA) application.*
 - D. **Review paper on area of interest.**
 - E. **Written essay exam** questions provided by the committee.
5. The oral portion of the Qualifying Examination, a requirement of the Graduate School, must be scheduled one week after the three written products are turned in. It is expected that the Qualifying Examination will be completed by the end of Year 3 or beginning of Year 4.

Note: Doctoral students who are preparing to take the Qualifying Examination (QE) must submit an application at least three weeks prior to the proposed date for the examination.
http://www.grad.berkeley.edu/policies/pdf/qe_application.pdf

6. The Advancement to Candidacy application must be filed with the Graduate Division no later than the semester following completion of the exam.
<http://www.grad.berkeley.edu/policies/pdf/PlanB.pdf>

7. Dissertation

A committee consisting of three faculty members (the faculty advisor, a member of another department or school, and one additional member of the Psychology Department faculty) must approve the dissertation proposal. Students are welcome to have additional members on the thesis advisory committee, but it is not mandatory. After approval, a three-person committee (advisor, outside member, and one additional Psychology faculty member) guides the work on the dissertation and is responsible for accepting the final dissertation.

Dissertation plans should normally be completed and approved by the beginning of Year 4 (or 5), with the dissertation completed by the end of Year 5 (or 6). Students must have their dissertation proposals approved prior to embarking on their full-time internships. More specifically, the dissertation proposal must be approved by October 1 of the year the student wishes to apply for internship.

Although dissertations can be submitted with the Graduate Division before successful completion of the internship, the doctoral degree cannot be awarded until *after* the successful completion of the internship. Doctoral degrees are conferred twice a year, in December and May. Deadline dates appear in the Schedule of Classes.

Note: There are special instructions for submitting the dissertation prior to or during the internship year. Johanna can advise students about the appropriate procedures. An electronic copy of your dissertation must be forwarded to Johanna as soon as it is submitted to Graduate Division.

8. Year-Long Clinical Internship

A year-long, full-time internship is required of all students. Students normally submit applications in Year 4 or 5 for internships in Years 5 or 6. Students are required to obtain internship experience in an APA-approved setting. In recent years, the demand for internships has outstripped the supply. For this reason, it is important for students to plan to apply broadly to internship sites across the country. Internships in non-APA approved settings have negative implications for students' career options and for the program's accreditation status and thus will only be considered for approval by the Clinical Science Program faculty under extraordinary circumstances.

Students must complete all required course work prior to beginning the year-long internship. And the dissertation must be approved by October 1 of the year prior to the internship. Ideally, students will have completed the dissertation before the internship begins.

Note: Graduate students are not eligible for Department travel funds once the student has begun the year-long, off-site clinical internship.

Additional Research

Formal and informal research training and experience begin in the first year under the supervision of the student's advisor. Research training is tailored to the needs and career plans of the individual student. For most students, the formal research requirements (i.e., Masters-level research and the dissertation) are supplemented by additional individual and collaborative research projects undertaken during their tenure in the program. Students should discuss their evolving career plans with their advisors and other mentors early and often. Research goals can then be set that are most consistent with these plans.

Additional Course Work

The graduate program in Clinical Science is designed to have a limited number of required courses, which are augmented by elective courses. Throughout their graduate work, students are encouraged to study substantive, research, and theoretical issues in diverse areas.

Additional Clinical Work

The bulk of students' applied clinical training takes place during Years 2 and 3. To ensure a balance between theoretical and practicum learning and to facilitate student progress in meeting the research and other program requirements, students are asked to place a reasonable limit on clinical practicum activities. The expectation is that students are engaged in practicum activities from 12-15 hours per week during Years 2 and 3. Although caseloads are small, intensive supervision and detailed consideration of clients in Specialty Clinics are intended to give a firm base for developing the concepts and skills necessary for effective intervention. The clinical training that is provided by the program prior to the full-year internship more than meets the requirements established by the American Psychological Association.

Students who are in good standing in the program at the end of Year 3 may opt to obtain

additional clinical experience in Years 4 or 5. Many students seek an off-site externship as a way of broadening their exposure to additional clinical populations, problems, and settings. These externships should require 10 hours or fewer per week. Participating in externships that entail 11-20 hours per week requires evidence of your being in good standing in the graduate program and making good progress in your research (e.g., publications, conference presentations). All externships must be approved by the Clinical Science Program Director and the faculty mentor prior to a student's accepting an externship. Students may also elect to participate in additional assessments or an additional Specialty Clinic in the Psychology Clinic if these are thought to meet professional goals and if such opportunities are available. (*Please see Johanna for the appropriate required approval forms and Memorandum of Understanding prior to agreeing to an externship.*)

Note: Once it is requested and approved that a student in year 4 or 5 will conduct additional clinical work (Externship, or Assessment or Specialty Clinic in the Psychology Clinic); the student is bound by that decision and is required to follow through and complete the additional training.

SAMPLE PROGRAM

Year 1

1. Proseminar in Clinical Psychology (Psy 230: Fall semester).
2. Clinical Assessment: Theory, Application and Practicum (Psy 233A/B: Spring semester).
3. Statistics (Fall and/or Spring semesters).
4. Research Methods (Psy 235-Clinical Research Methods, or Psy 250D Personality Measurement).
5. Individual Research (Psy 299: Fall and Spring semesters).
6. Clinical Science Colloquia (Psy 239: Fall and Spring semesters).
7. Introduction to the Profession of Psychology (Psy 292: Fall semester).
8. Teaching Psychology (Psy 375: Fall or Spring semester).
9. Intervention: Introduction to Clinical Methods (Psy 237H: Spring).
10. Additional Course Work (breadth requirements, other electives).
11. Research Task: Plan and prepare two-page outline of second-year research project by end of Spring semester.

Year 2

1. Clinical Assessment: Theory, Application and Practicum (Psy 233A/B: Spring semester).
2. Specialty Clinic (Psy 236: Fall and Spring semesters).
3. Professional Development in Clinical Psychology (Psy 237E): Fall and Spring semesters).
4. Intervention: Specialty Clinic supervision (Psy237G)
5. Conduct Assessment in Psychology Clinic.
6. Seminar on Professional Development (Psy 293: Spring semester).
7. Clinical Science Colloquia (Psy 239: Fall and Spring semesters).
8. Individual Research (Psy 299: Fall and Spring semesters).
9. Additional Course Work (breadth requirements, other electives).
10. Research task: Work on Masters-level research.

Year 3

1. Specialty Clinic (Psy 236: Fall and Spring semesters).
2. Professional Development in Clinical Psychology (Psy 237E): Fall and Spring semesters).

3. Intervention: Specialty Clinic supervision (Psy237G)
4. Conduct Assessment in Psychology Clinic.
5. Clinical Science Colloquia (Psy 239: Fall and Spring semesters).
6. Individual Research (Psy 299: Fall and Spring semesters).
7. Additional Course Work (breadth requirements, other electives).
8. Research and Program Tasks:
 - a. Present Masters-level research project at a Clinical Science Colloquium at the beginning of Fall semester.
 - b. Complete Masters-level research paper by end of Spring semester.
 - c. Complete and/or prepare for Qualifying Exam.

Year 4

1. Clinical Science Colloquia (Psy 239: Fall and Spring semesters).
2. Individual Research (Psy 299: Fall and Spring semesters).
3. Additional Course Work (breadth requirements, other electives).
4. *Optional:* Additional clinical work (Externship, Assessment, Specialty Clinic).
5. Research and Program Tasks:
 - a. Complete Qualifying Examination.
 - b. Obtain approval of dissertation proposal.
 - c. Apply for Clinical Internship if dissertation proposal approved by October 1.

Year 5

PLAN A:

1. Full-time Clinical Internship.
2. Complete dissertation by end of Year 5.

PLAN B:

1. Clinical Science Colloquia (Psy 239: Fall and Spring semesters).
2. Individual Research (Psy 299: Fall and Spring semesters).
3. Additional Course Work (breadth requirements, other electives).
4. Research and Program Tasks:
5. Obtain approval of dissertation proposal by October 1.
 - a. Apply for Clinical Internship and complete the internship in Year 6.
 - b. Complete dissertation prior to beginning Internship if possible.

Documentation

During their tenure in the Clinical Science Program, students must keep detailed “portfolios” of training experiences relevant to program requirements. Each portfolio activity (e.g., courses, workshops, readings) needs to be fully-documented and described, along with the hours involved. The portfolio will be updated yearly and evaluated by the student’s research advisor. Electronic copies of all portfolio inclusions and approvals must be given to Johanna for entry into students’ permanent files. New procedures being developed will help students maintain these portfolios.

At the conclusion of each academic year, students must complete a progress report on academic achievement during the preceding year, and submit a current CV and copies of all course syllabi.

CAMPUS EDUCATIONAL RESOURCES

The Psychology Clinic

A core learning resource for students is the Psychology Clinic. Staffed by graduate students under the supervision of the Clinical Science Program Faculty and Clinical Supervisors, it provides a setting for (a) learning clinical assessment, prevention, and intervention skills and (b) research.

The Psychology Clinic offers individual, couple, child, and family therapy to the Bay Area community. A range of psychological testing services is also offered, including adult, child/adolescent, and neuropsychological assessments. The Psychology Clinic also serves as a community resource for referrals and for brief consultation.

In the Psychology Clinic, students are on the "front lines" right from the start of client contact. They participate in such activities as taking initial information on the telephone, making case dispositions, and providing referrals. Graduate student therapists receive intensive supervision from the Clinical Science Program Faculty and/or Clinical Supervisors.

Currently housed entirely or partly in the Psychology Clinic are the research projects of the Clinical Science Program Faculty and many of the Clinical Science Program graduate students.

The Center for Assessment at the Berkeley Psychology Clinic

As new research increases our understanding of how and when mental illnesses develop, and as new treatments become available, assessment is becoming increasingly important for early detection of problems and for treatment selection. Assessments are becoming increasingly important in determining eligibility for a range of educational and community services (e.g., special education, accommodations for disability), in evaluating cognitive functioning (e.g., neuropsychological screening for dementia and brain injury), and in determining which services are reimbursed. In addition, assessment has emerged as a cost-effective short-term therapeutic intervention in its own right.

The Clinical Science Program recently established the Center for Assessment at the Berkeley Psychology Clinic. The Center for Assessment is staffed by a team of experienced assessors and supervisors who are devoted to this effort. This enables the Psychology Clinic to provide high quality assessment services to the East Bay community. A full range of assessment services is offered with accommodations made for lower income clients. The Center for Assessment is also able to provide expedited services when rapid turnaround is required. The Center for Assessment is headed by Dr. Allison Harvey (Director of the Clinical Science Program and Psychology Clinic) and Dr. Laura Mason (Associate Director of the Psychology Clinic). The assessment supervisory team is headed by Dr. Bruce Smith.

Clinical Science Program Test Library

The Psychology Clinic and Center for Assessment maintains a Test Library, which consists of materials for psychological assessment. A part-time librarian staffs the Test Library.

The Institute of Human Development (IHD)

The Institute of Human Development (IHD) houses a pioneering 70-year longitudinal study of cognitive and personality development in children and adults and is located on the first floor of

Tolman Hall. Newer projects, some of them longitudinal, focus on a range of topics in both normal development and psychopathology, including: infant locomotion and cognitive development, parenting styles in childhood and adolescence, the development of understanding of self and others, language learning in deaf and hearing children, the learning of mathematics, contextual analyses of children's health, children's adaptation to school, children with ADHD, and children with autism. A concern with cultural and contextual factors in development includes cross-national and cross-ethnic studies, and studies of children and adolescents in families, schools, and neighborhoods. The Institute has close connections with the Child Study Center, a preschool serving a diverse range of families and children. IHD has also mounted a consultation program to staff and parents of all nine childcare centers on the Berkeley campus. The IHD colloquium series takes an interdisciplinary approach to understanding the meaning of development, and the factors responsible for both adaptation and dysfunction in individuals, dyads, and families.

The Institute of Personality and Social Research (IPSR)

The Institute of Personality and Social research (IPSR) is a worldwide center of research on personality and social processes. IPSR (then called IPAR--the Institute of Personality Assessment and Research) was founded in 1949 with the goal of applying personality assessment to the study of fundamental theoretical and substantive issues in psychology and human behavior. In 1992, the Institute expanded to include the study of social processes, a natural extension given that individual differences are primarily expressed in and gain meaning from social contexts. IPSR currently has active programs of research, scholarship, and training in five areas: (a) Personality (personality assessment in human and infrahuman species, personality development, implications of personality for performance and creativity); (b) Emotion and Affect (emotional expression and physiology, emotion in social contexts, measurement of emotion); (c) Culture (cultural influences on fundamental psychological processes of cognition, emotion, and personality); (d) Health (stress, symptoms, and disease, coping with chronic illness, health systems); and (e) Social Processes (intimate relationships, organizational behavior, environmental psychology, political psychology). In each area, emphasis is given to studying phenomena at multiple levels of analysis, including the biological, the individual, and the contextual.

IPSR is located on the fourth floor of Tolman Hall on the Berkeley campus. Within the Institute there is office space for faculty members, postdoctoral fellows, graduate students, staff, and short-term and long-term sabbatical visitors. There are meeting rooms for small and large groups as well as fully equipped colloquium and conference facilities. Research resources include a library, an archive room, small and large group testing rooms, a video coding facility, a video recording and editing studio, and a computing center. IPSR houses a number of archival data sets concerned with the assessment and development of personality that have been collected over the past half century. IPSR sponsors a weekly colloquium series and a number of conferences and special events during the year that are open to the Berkeley community.

University Computer Services

Berkeley's Information Services and Technology offers a wide range of user services including Unix and other mainframe systems, electronic mail, databases, local network services, Internet services, computer clusters, consultation, statistical packages for data analysis, and extensive user software (<http://www.ist.berkeley.edu>).

Department Computer Facilities

The Department maintains a computer lab (Room B6) for teaching and research purposes. The lab is used by students in Psy 101 (Research and Data Analysis in Psychology) and Psy 205AB (Data Analysis). The Department's Computer Consultant can schedule the computers for general use at other times. (<http://facility.berkeley.edu/labs/tmf.html>)

Clinical Science Program Computer Facilities in the Korchin Library

Computers and a laser printer, including wireless printing and internet access, are available in the Korchin Library. The computers are outfitted with word processing, graphics, testing, and statistical software. The Korchin Library is exclusively for Clinical Science Program student use and is equipped with work tables and workstations.

University Libraries

The University library system, including its affiliation with the Stanford University Library and other campuses of the University of California system, is a rich scholarly resource. The library catalog, along with a large number of bibliographic databases and journals, is available online.

There are a number of branch libraries on campus, including the Education-Psychology Library, which is located in Tolman Hall. The Education-Psychology Library provides a valuable and convenient resource, housing an excellent selection of psychology books and journals. Most journals are also available online.

CLINICAL SCIENCE PROGRAM FACULTY

The Clinical Science Program Faculty members serve as primary research advisors, clinical supervisors, and graduate course instructors. Additional information on the research interests of the core Clinical Science Program Faculty is available on the Web at http://psychology.berkeley.edu/faculty/faculty_cl.html Click on each faculty member's name for additional information about current research and links to laboratory websites.

Allison G. Harvey, Ph.D.

**Professor and Director
Clinical Science Program and Psychology Clinic**

Adult psychopathology, especially sleep disorders. Cognitive processes of thought (worry/rumination). Attention, memory and reasoning; comorbidity; transdiagnostic approaches; cognitive therapy; interactions between cognitive, emotional and biological processes and adult psychopathology.

Aaron Fisher, Ph.D.

Assistant Professor

Person-specific methodologies; formulation of personalized interventions; psychotherapy; psychophysiology of anxiety disorders; psychopathology and cardiovascular disease.

Stephen P. Hinshaw, Ph.D.

Professor

Childhood behavior disorders, developmental psychopathology. Attention deficits and hyperactivity; aggressive behavior, peer relations, family interactions, and neuropsychological risk factors; psychosocial and pharmacological interventions for children with ADHD; process

life transitions, marital distress, parenting issues and supporting fathers' involvement.

OTHER PSYCHOLOGY DEPARTMENT FACULTY PARTICIPATING IN THE CLINICAL PROGRAM

The Clinical Science Program is closely integrated with other areas of the Psychology Department. In addition to working with the Core Clinical Science Program Faculty, graduate students in the Clinical Science Program can enroll in courses and may become involved with the research of faculty from other areas of the Department. Lonnie R. Snowden is Affiliated Professor from the School of Social Welfare on the U.C. Berkeley Campus, and Ricardo Muñoz is an Affiliated Professor from the Psychiatry Department on the U.C. San Francisco campus.

TEACHING FACULTY AND CLINICAL SUPERVISORS

Laura B. Mason, Ph.D.

**Associate Director, Psychology Clinic
Clinical Professor of Psychology, University of
California, Berkeley**

Teaches Intervention: Clinical Decision Making,
Introduction to Clinical Methods, and Specialty
Clinics; clinical interviewing; coordinates clinical
practica for Clinical Science Program graduate
students

(Private Practice, Berkeley)

Jonathan Barkin, Ph.D.

**Assistant Clinical Professor
University of California, Berkeley**

(Partner: San Francisco Bay Area Center for
Cognitive Therapy)

Kenneth S. Benau, Ph.D.

**Associate Clinical Professor
University of California, Berkeley**

(Private Practice, Berkeley and Palo Alto)

Esther Brass, Ph.D.

**Assistant Clinical Professor
University of California, Berkeley**

Private Practice, Albany)

Michael Cole, Ph.D.

**Assistant Adjunct Professor
Assistant Clinical Professor
University of California, Berkeley**

Research Scientist and Clinical Neuropsychologist,
VA Northern California; Associate Clinical
Professor, Department of Neurology, UC Davis;
Director, Pacific Neurohealth

Linda Cozzarelli, L.C.S.W.

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Clinical Social Work; Private Practice, Oakland)

- University of California, Berkeley**
(Private Practice, Orinda)
- Maria Nucci, Ph.D.**
Assistant Clinical Professor
University of California, Berkeley
(Private Practice, Oakland)
- David D. O'Grady, Ph.D.**
Assistant Clinical Professor
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(Private Practice, Walnut Creek)
- Daniela Owen, Ph.D.**
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- Elizabeth Owens**
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- Jacqueline B. Persons, Ph.D.**
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San Francisco)
- Cynthia Peterson, Ph.D.**
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University of California, Berkeley
(Private Practice, Berkeley)
- Deborah Raphael, L.C.S.W.**
Associate Clinical Professor
University of California, Berkeley
(Private Practice, Kensington)
- Diane Santas, Ph.D.**
Assistant Clinical Professor
University of California, Berkeley
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Assessment Services, Oakland; Member, Institute
for Psychoanalytic Studies, San Francisco; Private
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- Esme Shaller, Ph.D.**
Assistant Clinical Professor
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(Assistant Clinical Professor and Staff Psychologist,

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Psychiatric Hospital and Clinics, UCSF

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Oakland; Private Practice, Berkeley)

Alan Siegel, Ph.D.

Assistant Clinical Professor
University of California, Berkeley
(Private Practice, Berkeley and San Francisco;
Adjunct Faculty, Alliant University, Alameda)

Bruce L. Smith, Ph.D.

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University of California, Berkeley
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Nadine M. Tang, L.C.S.W.

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Faculty, Psychiatry Clinic, University of California,
San Francisco; Private Practice, Berkeley)

Michael Tompkins, Ph.D.

Assistant Clinical Professor
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Center for Cognitive Therapy, Oakland)

Robyn Walser, Ph.D.

Assistant Clinical Professor
University of California, Berkeley
(Associate Director for the National Center for
PTSD, Dissemination and Training Division of the
VA Palo Alto Health Care System)

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Daniel B. Wile, Ph.D.

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(Private Practice, Oakland)

Susana Winkel, Ph.D.

**Assistant Clinical Professor
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(Private Practice, San Francisco; Faculty, Wright
Institute, Berkeley; California Pacific Medical
Center)

Sharon Witkin, Ph.D.

**Assistant Clinical Professor
University of California, Berkeley**
(Private Practice, Oakland; Executive and Clinical
Director at Clearwater Counseling and Assessment
Services, Oakland)

Robin Yeganeh, Ph.D.

**Assistant Clinical Professor
University of California, Berkeley**
(Founder and Director: Cognitive Behavior Therapy
and Mindfulness Center, San Ramon)

Christine Zalecki, Ph.D.

**Assessment Supervisor
University of California, Berkeley**
(Project Director, Integrated Multi-Setting
Psychosocial Treatment for ADHD-Inattentive
Type, UCSF and Institute of Human Development,
UC Berkeley; Private Practice, Corte Madera)

CLINICAL SCIENCE PROGRAM STAFF

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Assessment Administrator**
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TBA

Test Librarian

Useful Links

Graduate Program in Psychology: <http://psychology.berkeley.edu/graduate-program>
Psychology Department Graduate Advisor: John Schindel <jschindel@berkeley.edu>

Graduate Division Home Page: <http://grad.berkeley.edu/index.shtml>
Information for incoming students:
http://www.grad.berkeley.edu/new_students/index.shtml
Information for current students: <http://registrar.berkeley.edu/>
Graduate Policies and Procedures: <http://www.grad.berkeley.edu/policies/index.shtml>

Registrar: <http://registrar.berkeley.edu/>

American Psychological Association student page: <http://www.apa.org/about/students.aspx>

American Psychological Association Insurance Trust:
<http://www.apait.org/apait/products/studentliability/>