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### Medical Education Preparation (MEDPREP)

#### Medical/Dental Education Preparatory Program

MEDPREP is a post baccalaureate program within the Southern Illinois University School of Medicine. Courses are restricted to MEDPREP students only. Admission to MEDPREP is by direct application to the program. Contact the [MEDPREP admissions](#) coordinator for information.

### Medical Education Preparation (MEDPREP) Courses

**MEDP400A - MEDPREP Seminar-Orientation** Seminar on social, professional, and scientific issues of interest to students planning a career in medicine or dentistry. Required of first-year MEDPREP participants. Restricted to MEDPREP students. Credit Hours: 1. Credit Hours: 1

**MEDP400B - MEDPREP Seminar-Medical/Dental Seminar** Seminar on social, professional, and scientific issues of interest to students planning a career in medicine or dentistry. Required of first-year MEDPREP participants. Restricted to MEDPREP students. Credit Hours: 1. Credit Hours: 1

**MEDP400C - MEDPREP Seminar-Medical/Dental Seminar II** Seminar on social, professional, and scientific issues of interest to students planning a career in medicine or dentistry. Required of first-year MEDPREP participants. Restricted to MEDPREP students. Must be taken in A,B,C sequence. Mandatory Pass/Fail. Credit Hours: 1

**MEDP401A - Academic Enrichment** Development of skills critical for academic and clinical success in health professions training. Restricted to MEDPREP students. Credit Hours: 1

**MEDP401B - MEDPREP Skills-Prematriculation** Focus on skills critical for academic success for students preparing to enter medical, dental or other health profession schools. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP401C - MEDPREP Skills-Quantitative Skills** Focus on skills critical for academic success in preprofessional and professional training. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP401D - MEDPREP Skills-Problem Solving** Focus on skills critical for academic success in preprofessional and professional training. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP401E - MEDPREP Skills-Convocation** Focus on skills critical for academic success in pre-professional and professional training. Required for traditional-track (UG) MEDPREP students, to be taken each fall and spring semester while enrolled in the program. Restricted to MEDPREP students. Credit Hours: 1. Credit Hours: 1

**MEDP401F - MEDPREP Skills-Critical Reading Skills** Focus on skills critical for academic success in preprofessional and professional training. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP401G - MEDPREP Skills-Critical Reading Skills I** Focus on critical reading skills critical for academic success in health professional career training. Restricted to MEDPREP students. Credit Hours: 1-3. Credit Hours: 1-3

**MEDP401H - MEDPREP Skills-Critical Reading Skills II** Focus on critical reading and textual analysis skills critical for academic success in health professional career training. Restricted to MEDPREP students. Credit hours: 1-3. Credit Hours: 1-3

**MEDP401I - Career Development Skills** Focus on skills critical for academic success in pre-professional and professional training. Restricted to MEDPREP students. Credit Hours: 1. Credit Hours: 1

**MEDP402A - Behavioral and Social Sciences Applications** Application of topics in psychology, sociology and other social sciences to current societal issues. Research methodologies and critical analysis are emphasized. Includes preparation for MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP402B - MEDPREP Special Problems-Research Seminar** Seminars, workshops, lectures, and field experiences related to preparing the student for medical/dental school and careers in medicine or dentistry. Restricted to MEDPREP students. Credit Hours: 1-2

**MEDP402C - MEDPREP Special Problems-Clinical Experience, mandatory P/F** Seminars, workshops, lectures, and field experiences related to preparing the student for school and careers in medicine/dentistry. Restricted to MEDPREP students. Credit Hours: 1-2

**MEDP402D - MEDPREP Special Problems-Problem-Based Learning (P/F only)** Seminars, workshops, lectures, and field experiences related to preparing the student for medical/dental school and careers in medicine or dentistry. Restricted to MEDPREP students. Credit Hours: 3

**MEDP402E - MEDPREP Special Problems-Independent Readings** Seminars, workshops, lectures, and field experiences related to preparing the student for medical/dental school and careers in medicine or dentistry. Restricted to MEDPREP students. Credit Hours: 1-2

**MEDP402F - MEDPREP Special Problems-Independent Research** Seminars, workshops, lectures, and field experiences related to preparing the student for medical/dental school and careers in medicine or dentistry. Restricted to MEDPREP students. Credit Hours: 1-2

**MEDP403A - MEDPREP Biology Applications-Medical Genetics** Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP403B - MEDPREP Medical Pharmacology** Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP403C - MEDPREP Biology Applications-Cardiovascular Physiology** Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration) or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP403D - MEDPREP Biology Applications-Embryology** Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP403E - MEDPREP Biology Applications-Medical Immunology** Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP403F - MEDPREP Biology Applications-Hormonal Regulation** Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP403G - MEDPREP Biology Applications-Biology Applications** Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-6

**MEDP403H - MEDPREP Biology Applications-Neural Science** Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-6

**MEDP403I - MEDPREP Biology Applications-Biology Problem Solving** Content may be supplemental (to concurrent biological science courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP404A - MEDPREP Chemistry Applications-Inorganic Chemistry Applications** Content may be supplemental (to concurrent preprofessional chemistry courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP404B - MEDPREP Chemistry Applications-Inorganic Chemistry (For Dental Students)** Content may be supplemental (to concurrent preprofessional chemistry courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP404C - MEDPREP Chemistry Applications-Organic Chemistry Applications** Content may be supplemental (to concurrent preprofessional chemistry courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP404D - MEDPREP Chemistry Applications-Organic Chemistry for Dental Students** Content may be supplemental (to concurrent preprofessional chemistry courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP404E - Medical Biochemistry** Topics in biological chemistry and biochemistry, with an emphasis on impact of cellular-level biochemistry and metabolic processes on physiological systems, human health and human disease. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP404F - MEDPREP Chemistry Applications-Chemistry Problem Solving** Content may be supplemental (to concurrent preprofessional chemistry courses), additional (permitting acceleration), or preparational for the MCAT/DAT. Restricted to MEDPREP students. Credit Hours: 1-3

**MEDP405A - MEDPREP Physics Applications** Content may be supplemental (to concurrent preprofessional physics courses), additional (permitting acceleration), or preparational for the MCAT. Restricted to MEDPREP students. Credit Hours: 1-6

**MEDP405B - MEDPREP Physics Applications-Physics Problem Solving** Content may be supplemental (to concurrent preprofessional physics courses), additional (permitting acceleration), or preparational for the MCAT. Restricted to MEDPREP students. Credit Hours: 1-3

## Medical Education Preparation (MEDPREP) Faculty

**Bondzi, Cornelius.**, Instructor, Microbiology and Immunology, Ph.D., Virginia Commonwealth University, 2000.

**Gary, Mallory**, Instructor, Health Education, Ph.D., Southern Illinois University Carbondale, 2012.

**Jones, Kathleen A.**, Instructor, Educational Administration Higher Education, Ph.D., Southern Illinois University, 2016.

**Metz, Anneke**, Interim Director, Biochemistry, Ph.D., University of Texas Austin, 1998.

**Paul, Gina**, Associate Professor, Education/Reading, Ph.D., Southern Illinois University, 2001.

**Weilbaecher, Rodney**, Research Assistant Professor, Molecular and Cellular Physiology, Ph.D., University of California Berkeley, 1997.

## **Emeriti Faculty**

**Bardo, Harold R.**, Director, Emeritus, Ph.D., Southern Illinois University, 1972.

**Chaklos, Mary S.**, Instructor, Emerita, Chemistry and Biochemistry, Ph.D., Southern Illinois University, 1979.

**Henry, Paul**, Associate Professor, Emeritus, Counselor Education/Educational Psychology, Ph.D., Southern Illinois University, 1982.

**Herrold, Linda K.**, Instructor, Assistant Dean, Student Affairs, Emerita, School of Medicine, Mathematics, M.S., Southern Illinois University, 1990.

**Jackson, Evelyn W.**, Associate Professor, Emerita, Education/Reading, Ph.D., Southern Illinois University, 1975.

**Szary, Barbara**, Instructor, Immunology, Emerita, Ph.D., Institute of Immunology and Experimental Therapy, Poland, 1977.

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