### Tuesday

**M88-515 Health Psychology** -- 3 credits *(Elective)*
Coursemaster: Amaris Tippey, PhD

5:00 pm – 9:00 pm
June 4 - August 6

Students explore the complex interactions between biological, psychological and social factors as they influence health, health behaviors and coping with illness. Topics include the history and current roles of health psychology as a professional discipline, theoretical models of health and illness prevention with an emphasis on the bio-psychosocial model, stress, pain, and the role of bio-psychosocial factors in several specific medical illnesses including diabetes, asthma, heart disease and cancer.

### Wednesday

**M88-512A Counseling Skills for Health Care Professionals** -- 3 credits *(Elective)*
Coursemaster: Shannon Lenze, PhD

4:30-8:30 pm
June 5 - August 7

Students learn counseling skills necessary to promote self-care behaviors in individuals. Upon course completion, students will be able to identify and demonstrate basic interviewing and counseling skills, recognize barriers to effective communication and generate appropriate counseling strategies, and adapt communication style to the special cultural needs and developmental differences of the individual.

### Saturday – 2 New Short Courses

**M88-551 Introduction to SPSS** -- 1 credit *(Elective)*
Coursemaster: Julia López, PhD

9:00 am – 5:00 pm
June 15 & 22

Students will learn the purpose and benefits of using statistical software programs such as SPSS for managing and analyzing data. Students will learn the superior functional capability of using SPSS vs. Excel for collecting and analyzing data. Through in-class demonstrations and exercises, students will gain critical hands-on experience using various features of SPSS software including: database design, options for quantitative and qualitative variable formats, data entry, data importing and exporting features, output and graphing functions, and common statistical procedures (e.g., descriptive statistics, chi-square, t-test, ANOVA) and basic inferential analyses (e.g., bivariate linear and logistic regression) using both drop-down menu functions and syntax options. Students also will learn how to annotate and manipulate output including tables and figures and how to export or paste output into Word or PDF documents.

**M88-550 Introduction to Using REDCap for Research** -- 1 credit *(Elective)*
Coursemaster: Ragini Maddipati, MSW, MPH

9:00 am – 5:00 pm
August 10 & 17

Students will learn the purpose and benefits of using sophisticated software platforms such as REDCap for conducting research. Through in-class demonstrations and exercises, students will gain critical hands-on experience using various features of REDCap software including: creating new projects and assigning user rights, development vs. production mode, participant tracking, project calendars and scheduling features, data collection and management, customizable survey design and administration mode, database design, data import and export functions, default and custom reporting tools, audit trails, file sharing, interoperability with other data systems (EMR) and software including common reporting tools (Excel) and statistical packages (SPSS, SAS, R), and more. Students will learn about the HIPAA compliance standards of REDCap and how the same databases can be used across sites in a multi-site study. Students will apply their skills to a proposal for using REDCap to address a specific research objective of their choosing.

### Open Schedule

**M88-505 Mentored Independent Research** -- 3 credits *(HBR-1 Required)*
Coursemaster: Amy McQueen, PhD

Students are matched with faculty researchers to gain hands-on experience and exposure to directed research.

For more information or to register for a course, contact ahbr@email.wustl.edu or 314-454-8956