

SOC 3315
Socio-Behavioral Sciences for Medicine

Fall 2017
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Monday/Wednesday 2:30-3:45
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Course Overview

By instituting a new section of the Medical College Admission Test (MCAT), the Association of American Medical Colleges (AAMC) elevates the importance for the premedical student of understanding psychological and sociocultural determinants of health. Other initiatives in the healthcare field, such as the Blue Zones Project™, direct attention to behaviors deemed desirable for healthy living. In this class we'll consider constructs and theories people have used to explain individual human motivation and group behaviors, placing specific emphasis on patient compliance.

Learning Outcomes

"Student Learning Outcomes are the accumulated knowledge, skills, and attitudes that students develop during a course of study" (see <http://www.web.virginia.edu/iaas/assessment/outcomes.htm>). The following are identified outcomes, although I sincerely hope and expect you will gain much more from the course.

- In classroom writings, students will relate foundational concepts in psychology and sociology to individual and social issues in medicine
- During discussions and in classroom writing assignments, students will assess applicability of theories to issues in patient compliance.
- In a term project, students will explore a special interest related to one or more topics outlined in the syllabus, reading or discussed in class.
- On the end of the semester exam, students will be expected to identify socio-behavioral determinants of compliance and assess the pros and cons of a compliance model.

Reading

Jurassic Park, by Michael Crichton. This book is readily available through on-line retailers as well as in bookstores. Reading the book, rather than viewing the movie, is a requirement.

My Own Country: A Doctor's Story of a Town and Its People in the Age of AIDS. This book is also readily available through on-line retailers as well as in bookstores.

Students also will be expected to read articles and case studies as assigned in weekly readings. All are available online as noted in this syllabus.

Grading

20%	Reflective In-Class Writings, Attendance and Quizzes
20%	Exam One
30%	Term Project
30%	Exam Two

The following is taken directly from the Office of Student AccessAbility webpage:

It is the policy and practice of The University of Texas at Dallas to make reasonable accommodations for students with properly documented disabilities. However, written notification from the Office of Student AccessAbility (OSA) is required. If you are eligible to receive an accommodation and would like to request it for this course, please discuss it with me and allow one week advance notice. Students who have questions about receiving accommodations, or those who have, or think they may have, a disability (mobility, sensory, health, psychological, learning, etc.) are invited to contact OSA for a confidential discussion. OSA is located in the Student Services Building, SSB 3.200. They can be reached by phone at 972-883-2098, or by email at studentaccess@utdallas.edu.

For more information on UT Dallas policies and procedures please refer to <http://go.utdallas.edu/syllabus-policies>.

Course Outline and Readings

Week One

Course Overview and Introduction

August 21	Course Overview
August 23	The Art and Science of Asking Questions

Readings to Be Completed by August 23

1. *Jurassic Park* (Introduction through "Control")
2. "About Michael Crichton" <http://www.crichton-official.com/aboutmichaelcrichton-biography.html>

Week Two

Case Study: Patient Compliance

Aug 28	Basic concepts and definitions
Aug 30	Compliance and Control

See page 3 for Week Two Reading Assignment

Reading to Be Completed by August 28

1. Finish reading *Jurassic Park*
2. *Self-Study Modules on Tuberculosis: Managing Tuberculosis Patients and Improving Patient Adherence*, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2014, pp. 1-22

Week Three

Social Processes

Sept 4	Labor Day -- No Class
Sept 6	Approaches in Sociology

Reading to Be Completed by September 6

1. *Self-Study Modules on Tuberculosis: Managing Tuberculosis Patients and Improving Patient Adherence*, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2014, pp. 23-28
2. Johnson, Doyle Paul. "Development of American Sociology: A Brief Historical Overview." In *Contemporary Sociological Theory: An Integrated Multi-Level Approach*, 53-79. New York: Springer. 2008. (Access online through the McDermott Library)

Week Four

Foundational Concepts

Sept 11	Building Blocks: Role, Status, and Social Networks
Sept 13	Compliance and Control

Reading to Be Completed by September 11

1. *Self-Study Modules on Tuberculosis: Managing Tuberculosis Patients and Improving Patient Adherence*, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2014, pp. 29-37
2. Abraham M. Nussbaum. "When the Doctor Is a Gardener: Victoria Sweet, Hildegard of Bingen, and the Genres of Physician-Writers." *Literature and Medicine* 32.2 (2014): 325-347. *Project MUSE*. Web. 24 Aug. 2015. <<https://muse.jhu.edu/>>. (Available through McDermott Library)
3. *My Own Country*, pp. 9-41 (Chapters 1-3)

Reading to Be Completed by September 13

1. "Robert K. Merton Remembered" by Craig Calhoun, in <http://www.asanet.org/footnotes/mar03/indextwo.html>
2. *My Own Country*, pp. 42-62 (Chapter 4)

Week Five

Theory and Application

Sept 18	Deviance
Sept 20	Work on Term Project – No Classroom Meeting

TERM PROJECT TOPIC DUE SEPTEMBER 27

Reading to Be Completed by September 18

1. Handout: *Making Trouble: Cultural Constructions of Crime, Deviance, and Control.*

Reading to Be Completed by September 20

1. *My Own Country*, pp. 63-88 (Chapter 5)

Week Six

Psychological Perspectives

Sept 25	Library Study/Reading – No Classroom Meeting
Sept 27	Formative Ideas

Reading to Be Completed by September 27

1. *Self-Study Modules on Tuberculosis: Managing Tuberculosis Patients and Improving Patient Adherence*, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2014, pp. 38-48.
2. Brainerd, C.J. 1996. "PIAGET: A centennial celebration." *Psychological Science (Wiley-Blackwell)* 7, no. 4: 191-195. (Access online through the McDermott Library)
3. *My Own Country*, pp. 89-142 (Chapter 6-9)

Week Seven

Psychological Perspectives (continued)

October 2	Behavioral Perspectives
October 4	Socio-Cultural and Biopsychosocial Perspectives

Reading to Be Completed by Oct 2

1. Henry A. Murray, B. F. Skinner, Abraham H. Maslow, Carl R. Rogers, Lawrence K. Frank, Anatol Rapoport and Hallock Hoffman. *Daedalus*, Vol. 90, No. 3, Evolution and Man's Progress (Summer, 1961), pp. 570-586. (Access online through McDermott Library <http://www.jstor.org.libproxy.utdallas.edu/stable/20026674>)
2. *My Own Country*, pp. 143- 167 (Chapters 10-11)

See page 6 for Oct 4 reading assignment

Reading to Be Completed by October 4

1. Tolin, David F. 2011. "Understanding and treating hoarding: A biopsychosocial perspective." *Journal Of Clinical Psychology* 67, no. 5: 517-526. (Access online through the McDermott Library)

TAKE HOME MIDTERM DUE OCTOBER 9**Week Eight
Concepts and Theory**

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|------------|---|
| October 9 | Turn in Midterm Exam. Discussion of Reading |
| October 11 | Motivation and Attribution Theory |

Note: Midterm Grades Posted by October 14

Reading to Be Completed by October 11

1. Leontiev, Dmitry A. "From Drive to Need and Further: What is Human Motivation About? In *Psychology of Emotions, Motivations and Actions : Motivation, Consciousness and Self-Regulation* edited by Dmitry Leontiev, 9-25. New York, NY, USA: Nova Science Publishers, Inc., 2012. (Access online through McDermott Library)
2. *My Own Country*, pp. 168- 184 (Chapters 12-13)

TERM PROJECT UPDATE DUE OCTOBER 16**Week Nine
Intersections**

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|------------|------------------------|
| October 16 | Theory and Practice |
| October 18 | Possible Guest Speaker |

Reading to Be Completed by October 16

1. Johnson, Doyle Paul. "Formal Theory Construction: Developing Sociological Theory as Part of a Scientific Enterprise." In *Contemporary Sociological Theory: An Integrated Multi-Level Approach*, 81-105. New York: Springer. 2008. (Access online through the McDermott Library)
2. *My Own Country*, pp. 185 -220 (Chapters 14-16)

Reading to Be Completed by October 18

1. Sutton, Robert I., and Barry M. Staw. "What Theory is Not." *Administrative Science Quarterly* 40, no. 3 (September 1995): 371-384. (Access online through the McDermott Library)

Week Ten**Near Group, Peer Group, and Self-Efficacy**

October 23 Identity Theory
 October 25 Social Identity Theory

Reading to Be Completed by October 23

1. Pfautz, Harold W. "Near-Group Theory and Collective Behavior: A Critical Reformulation." In *Social Problems*, 9, no. 2 (Autumn, 1961), pp. 167-174.
2. Goldstone, Robert L., and Todd M. Gureckis. 2009. "Collective Behavior." *Topics In Cognitive Science* 1, no. 3: 412-438.
3. *My Own Country*, pp. 221-240 (Chapter 17)

Reading to Be Completed by October 25

1. *My Own Country*, pp. 241 - 250 (Chapter 18)

PROGRESS REPORT ON TERM PROJECT DUE OCTOBER 30**Week Eleven****Making a Difference**

October 30 Social Movements
 November 1 Theories of Social Change

Reading to Be Completed by October 30

1. "Our Story" on the Partners in Health website <http://www.pih.org/>
2. "Paul Farmer Biography on the Academy of Achievement website <http://www.achievement.org/autodoc/page/far1bio-1>
3. *My Own Country*, pp. 251 - 267 (Chapters 19-20)

Reading to Be Completed by November 1

1. Dello Bueno, Richard, and Fasenfest, David, eds. *Studies in Critical Social Sciences, Volume 19 : Social Change, Resistance and Social Practices*. Boston, MA, USA: Brill Academic Publishers, 2010. Read pp. 1-9 and 57-72.
2. *My Own Country*, pp. 268 - 282 (Chapters 21-22)

Week Twelve**Case Study**

November 6 Blue Zones
 November 8 Imagined Communities

Reading to Be Completed by November 6

1. Blue Zones Project™ by Healthways <http://www.texashealth.org/bluezonesproject>
2. *My Own Country*, pp. 283 – 347 (Chapters 23-31)

Reading to Be Completed by November 8

1. Steven Pokornowski. "Insecure Lives: Zombies, Global Health, and the Totalitarianism of Generalization." *Literature and Medicine* 31.2 (2013): 216-234. *Project MUSE*. Web. 24 Aug. 2015. <<https://muse.jhu.edu/>>. (Available through McDermott Library)

Week Thirteen**Learning, Attitude and Behavior Change**

Nov 13 Learning, Attitude and Behavior Change (MCAT Content Category 7C)
 Nov 15 Possible Guest Speaker

Reading to Be Completed by November 13

1. THE MYTH OF LEARNING STYLES. CEDAR RIENER and DANIEL WILLINGHAM. *Change*, Vol. 42, No. 5 (September/October 2010), pp. 32-35. Published by: [Taylor & Francis, Ltd.](#) Article Stable URL: <http://www.jstor.org/stable/25742629> (Available through McDermott Library).
2. Clucas, Claudine, and Lindsay St. Claire. 2011. "Influence of patients' self-respect on their experience of feeling respected in doctor-patient interactions." *Psychology, Health & Medicine* 16, no. 2: 166-177. *Academic Search Complete*, EBSCOhost (accessed August 24, 2015).

Reading to Be Completed by November 14

1. Grinnell, F. *Sci Eng Ethics* (2013) 19: 685. doi:10.1007/s11948-012-9376-5. Locate "Research Integrity and Everyday Practice of Science" through the McDermott Library <http://link.springer.com.libproxy.utdallas.edu/article/10.1007/s11948-012-9376-5>

FALL BREAK NOVEMBER 20-22
THANKSGIVING HOLIDAY NOVEMBER 23-26

Week Fourteen**Stages of Moral Development/Term Project Presentations**

November 27 Stages of Moral Development
 November 29 Term Project Presentations

Reading to Be Completed by November 27

1. Gilligan, C. (1982), NEW MAPS OF DEVELOPMENT: New Visions of Maturity. American Journal of Orthopsychiatry, 52: 199–212. doi:10.1111/j.1939-0025.1982.tb02682.x

Week Fifteen

Term Project Presentations and Overview

December 4 Term Project Presentations

December 6 Term Project Presentations and Course Overview

Week Sixteen

**Take Home End of Term Exam Due Before 5 p.m. on December 12th
and may be turned in at FO 2.210 or sent to Dr. de Olivares via email.
Course grades will be posted prior to December 21, 2017.**