

SOC 3315
Socio-Behavioral Sciences for Medicine

Fall 2016
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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 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 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.
- 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, discussed in class or covered in assigned readings.
- For the final 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 the UTD bookstore. The actual book, rather than the movie, is required reading.

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 the UTD bookstore.

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. Other readings occasionally may also be assigned in advance of class meetings.

Grading

15%	Reflective In-Class Writings and Quizzes
25%	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>. Attendance in class is expected and will be factored in the grade for In-Class Writings and Quizzes.

Course Outline and Readings

Week One

Course Overview and Introduction

August 22	Course Overview
August 24	The Art and Science of Asking Questions

Readings to Be Completed by August 24

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 29	Basic concepts and definitions
Aug 31	Compliance and Control

See page 3 for Week Two Reading Assignment

Reading to Be Completed by August 29

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 5	Labor Day -- No Class
Sept 7	Approaches in Sociology

Reading to Be Completed by September 7

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 12	Building Blocks: Role, Status, and Social Networks
Sept 14	Compliance and Control

Reading to Be Completed by September 12

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 14

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 19	Deviance
Sept 21	Normative Behavior

Reading to Be Completed by September 21

1. Stephanie Stolarz-Fantino and Edmund Fantino (2004). The role of learning in normative and non-normative behavior. *Behavioral and Brain Sciences*, 27, pp 358-359 doi:10.1017/S0140525X04540086 (available on-line through the McDermott Library).
2. *My Own Country*, pp. 63-88 (Chapter 5)

**Week Six
Psychological Perspectives**

Sept 26	Formative Ideas
Sept 28	Revisiting Compliance

Reading to Be Completed by September 26

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. 89-117 (Chapter 6)

Reading to Be Completed by September 28

1. *My Own Country*, pp. 118-142 (Chapters 8-9)

**Week Seven
Psychological Perspectives (continued)**

October 3	Behavioral Perspectives
October 5	Socio-Cultural and Biopsychosocial Perspectives

Reading to Be Completed by Oct 3

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)

Reading to Be Completed by October 5

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 10**Week Eight
Concepts and Theory**

October 10 Turn in Midterm Exam. Discussion of Reading
October 12 Motivation and Attribution Theory

Note: Midterm Grades Posted by October 15

Reading to Be Completed by October 12

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 TOPIC DUE OCTOBER 17**Week Nine
Intersections**

October 17 Theory and Practice
October 19 Possible Guest Speaker

Reading to Be Completed by October 17

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)

See page 6 for October 19 Reading Assignment

Reading to Be Completed by October 19

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 24 Identity Theory
October 26 Social Identity Theory

Reading to Be Completed by October 24

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 26

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

PROGRESS REPORT ON TERM PROJECT DUE OCTOBER 31**Week Eleven****Making a Difference**

October 31 Social Movements
November 2 Theories of Social Change

Reading to Be Completed by October 31

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 2

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 7	Blue Zones
November 9	Imagined Communities

Reading to Be Completed by November 7

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 9

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 14	Learning, Attitude and Behavior Change (MCAT Content Category 7C)
Nov 16	Guest Speaker

Reading to Be Completed by November 14

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 16

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 21-23

Week Fourteen
Term Project Presentations

November 28 Stages of Moral Development
November 30 Course Review
Begin Term Project Presentations

Reading to Be Completed by November 28

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 Exam

December 5 Term Project Presentations
December 7 Term Project Presentations

Week Sixteen

December 12 Final Exam 2:00 p.m. – 4:45 p.m. Location TBA