UNIVERSITY OF LEEDS
School of Psychology
Semester 1, 2019-2020

PSYC2503 & PSYC3403
(MM7615 on Minerva)

PSYCHOLOGICAL DISORDERS
Syllabus & Reading Lists

Course Tutors
Professor John Rodgers (r.j.rogers@leeds.ac.uk)
Professor Anna Madill (a.l.madill@leeds.ac.uk)

This handout and all lecture slides can be accessed in the module area (MM7615) on Minerva

Tip for printing lecture slides: under File Menu - select ‘print’; under Print What – select ‘handouts – (6 slides per page); for clearest format – tick ‘pure black & white’ box; then OK.
Course Aims & Learning Objectives

This module introduces you to psychological and biological perspectives on mental disorder. In Anna Madill’s (abnormal psychology; AM) lectures, we take a critical approach to the meaning of abnormality, conceptual models for understanding this field, and theories, research and treatments associated with several key disorders. In John Rodgers’ (biological psychology, JR) lectures, we further develop your appreciation of brain and behaviour through in-depth study of the role of brain chemistry in the major disorders. Following a review of the general principles of neurotransmission/drug action and discussion of common research strategies, we critically assess the major biochemical theories of mental disorder (depression, anxiety & schizophrenia). We consider how and why these theories have changed over time and, importantly, how they relate to the mechanisms of action of psychotherapeutic drugs. In each instance, attention will be given to the limitations of existing drugs & progress towards the development of novel therapies.

As a result of doing this module (lectures & independent reading), you should be able to:
1) understand the DSM system for classifying psychological disorders.
2) explain the different models for understanding psychological disorders and their inter-relationships.
3) describe the signs and symptoms of depressive disorders, anxiety disorders, obsessive-compulsive disorder and schizophrenia.
4) review & critically evaluate the major psychological theories & therapies for these disorders.
5) review & critically evaluate the major biochemical theories & pharmacotherapies for these disorders.

Tutorial

Please refer to your timetable for the scheduling of the tutorial for this module.

Assessment

Feedback on progress (formative assessment) will be given via three MCQ class tests (see below).
Examination (summative assessment) will occur at the end of the Semester (see below).

NOTE: good exam answers demand evidence of reading beyond lecture slides & core texts

You can access past exam papers via the SES website:
http://students.leeds.ac.uk/info/10111/examinations_and_assessment/825/past_exam_papers

Psychology Students, PPST, Exchange Students & JYA Students (all PSYC2503)
This course is formally assessed by one 2-hour unseen written exam (100%) held in the first semester examination period (January). The examination paper comprises two sections. Section 1 is a compulsory 30-item MCQ covering all aspects of the module (15 items ‘psychological’; 15 items ‘biological’) while, in Section 2, students must write one essay from a choice of four titles covering the module (2 ‘psychological’ titles and 2 ‘biological’ titles). For further details, check http://webprod3.leeds.ac.uk/catalogue/dynmodules.asp?Y=201718&M=PSYC-2503

Intercalating Students/JHons (PSYC3403)
This course is assessed by a 500-word assignment (20%) plus a 2-hour unseen written exam (80%) held in the first semester examination period (January). Details of the 500-word assignment will be posted on Minerva. Please check the Undergraduate Psychology Handbook for the hand-in date. The examination paper comprises two sections. Section 1 is a compulsory 30-item MCQ covering all aspects of the module (15 items ‘abnormal’; 15 items ‘biological’) while, in Section 2, students must write one essay from a choice of four titles covering the module (2 ‘psychology’ titles and 2 ‘biological’ titles). For further details, check http://webprod3.leeds.ac.uk/catalogue/dynmodules.asp?Y=201718&M=PSYC-3403

All coursework deadlines are at 12 noon. Specific dates are published in the Psychology Undergraduate Handbook on Minerva.
Lectures: Time and Place

Lectures will be held over weeks 1-10 in Semester 1
Mondays 12.30-2.00pm (Michael Sadler RBLT): **CHECK MOST RECENT TIMETABLE**

There will be 10 sessions in total, comprising 4 lectures by Anna Madill (psychological approaches; AM) and 6 lectures by John Rodgers (biological psychology; JR). Although scheduled for 90 min, actual lecture duration may vary on either side of this average. There will be three, short in-class MCQ practice tests. The lecturer will provide the correct answers. These tests are intended to provide you with feedback on your developing knowledge base and do not contribute to formal module assessment.

**Exam feedback session**
Thursday 28th February 10-11am G44 in the Psychology building

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<tr>
<th>Lecture Timetable: Overview</th>
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<tr>
<td><strong>Week 1</strong></td>
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<tr>
<td><em>Mon Sept 30</em></td>
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<tr>
<td>Lecture 1: Abnormal psychology; Classification and models of mental disorder (AM)</td>
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<td><strong>Week 2</strong></td>
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<td><em>Mon Oct 7</em></td>
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<tr>
<td>Lecture 2: Psychological approaches to depression (AM) → <em>MCQ class test</em></td>
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<td><strong>Week 3</strong></td>
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<td><em>Mon Oct 14</em></td>
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<tr>
<td>Lecture 3: Psychological approaches to anxiety (AM)</td>
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<td><strong>Week 4</strong></td>
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<td><em>Mon Oct 21</em></td>
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<tr>
<td>Lecture 4: Psychological approaches to schizophrenia (AM) → <em>MCQ class test</em></td>
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<td><strong>Week 5</strong></td>
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<td><em>Mon Oct 28</em></td>
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<tr>
<td>Lecture 5: Biological approach to mental disorder; neurons &amp; how they work (JR)</td>
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<td><strong>Week 6</strong></td>
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<td><em>Mon Nov 4</em></td>
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<td>Lecture 6: Drug action in the CNS, &amp; general research strategies (JR)</td>
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<td><strong>Week 7</strong></td>
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<td><em>Mon Nov 11</em></td>
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<td>Lecture 7: Biochemistry &amp; pharmacology of depression (JR)</td>
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<td><strong>Week 8</strong></td>
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<td><em>Mon Nov 18</em></td>
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<td>Lecture 8: Electroconvulsive Therapy (ECT) (JR) → <em>MCQ class test</em></td>
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<td><strong>Week 9</strong></td>
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<td><em>Mon Nov 25</em></td>
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<td>Lecture 9: Biochemistry &amp; pharmacology of anxiety (JR)</td>
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<td><strong>Week 10</strong></td>
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<td><em>Mon Dec 2</em></td>
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<tr>
<td>Lecture 10: Biochemistry &amp; pharmacology of schizophrenia (JR)</td>
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Core Reading

PLEASE SEE LIBRARY SOURCE-LINK VERSION ON MINERVA (MODULE LEARNING RESOURCES SECTION) THROUGH WHICH YOU ARE A MERE CLICK AWAY FROM EACH READING

Anna Madill’s Lectures

Core Text


Any recent textbook on Abnormal Psychology will be useful for this half module. Make sure, though, that the textbook is published post-2013 and refers to the DSM-5 classificatory system. The following source should be used selectively to supplement lecture notes and the core text.

Recommended Library Consultations


Any edition of this book that is in the library will be fine if you cannot access 5th edition.

John Rodgers’ Lectures

Core Text


Lecture-by-Lecture Reading

The following is a list of reading to support each lecture. Obviously this is quite a long list and we do NOT expect you to read all these references! What we have done is to provide you with a list of all the references used in lectures plus some more from which you can select according to your revision strategy and interest. Learning to be economical while selecting pertinent material is a skill essential to your academic development. The more important references are marked with an asterisk.

You can access these readings online through the module Minerva online course reading folder.

CLASSIFICATION AND MODELS OF MENTAL DISORDER

Anna Madill
Chapters 1, 2 & 3: CORE TEXT [Comer, 2016]

Dip into Tyrer and Steinberg (2013) especially the final chapter. (Any edition of this book that is in the library will be fine if you cannot access 5th edition)

Highlights of changes from DSM-IV-TR to DSM-5 and further proposed changes: APA
http://www.dsm5.org/Documents(changes%20from%20dsm-iv-tr%20to%20dsm-5.pdf

PSYCHOLOGICAL APPROACHES TO DEPRESSION
Anna Madill

Chapter 6: CORE TEXT [Comer 2016]


*Perris, C. (1991). An interactionistic integrating view of depressive disorders and their treatment. *Acta Psychiatrica Scandinavica*, 84, 413-423. (Sorry it’s an old reference but can’t find a more recent one that pulls together all the basics so well)


http://books.google.co.uk/books?hl=en&lr=&id=gaAgAAAAQBAJ&oi=fnd&pg=PA16&dq=childhood+%22adult+vulnerability+to+depression+%22&ots=nGkrs_Mgc0&sig=Ob1sDWurEhkSmEQePLUsNdArEzMs#v=onepage&q=childhood%20%22adult%20vulnerability%20%22%20depression%20%22&f=false

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**PSYCHOLOGICAL APPROACHES TO ANXIETY DISORDERS AND OBSESSIVE-COMPULSIVE DISORDER**

Anna Madill

**Chapter 4: CORE TEXT [Comer, 2016]**


**PSYCHOLOGICAL APPROACHES TO SCHIZOPHRENIA**

Anna Madill

**Chapter 12: CORE TEXT [Comer, 2016]**


Textbook sources are generally sufficient for these two foundational lectures. More specifically,

Chapters 2, 8 & 9 in the CORE TEXT [Linden 2019]

Also useful are Chapters 1-4 in Carlson NR, THE PHYSIOLOGY OF BEHAVIOR 10e, Allyn & Bacon (2010)

NOTE: Carlson also has a chapter or two on mental illness which provide a relatively gentle introduction to key themes and concepts covered in this module

Illustrative papers on the efficacy of combination therapies


BIOCHEMISTRY & PHARMACOLOGY OF DEPRESSION

Chapter 13: CORE TEXT [Linden 2019]


*Denotes key references.


ELECTROCONVULSIVE THERAPY [E.C.T.]
John Rodgers

Not well covered in CORE TEXT [Chapter 10, Linden 2019]
Use following sources for more detail


Baghai TC et al. (2006). The influence of concomitant antidepressant medication on safety, tolerability and clinical effectiveness of electroconvulsive therapy. World J of Biological Psychiatry 7: 82-90.


Chen J-j et al. (2017). Comparative efficacy and acceptability of electroconvulsive therapy versus repetitive transcranial magnetic stimulation for major depression: a systematic review and multiple-treatments analysis. Behavioural Brain Research 320: 30-36.


*BIOCHEMISTRY & PHARMACOLOGY OF ANXIETY

John Rodgers

Chapter 15: CORE TEXT [Linden 2019]


Krystal JH et al. (2017). It is time to address the crisis in the pharmacotherapy of posttraumatic stress disorder: a consensus statement of the PTSD Psychopharmacology Working Group. Biological Psychiatry http://dx.doi.org/10.1016/j.biopsych.2017.03.007


BIOCHEMISTRY & PHARMACOLOGY OF SCHIZOPHRENIA

John Rodgers


*Okubo Y et al. (1997). Decreased prefrontal dopamine D1 receptors in schizophrenia revealed by PET. Nature 385: 634-636.


*Abi-Dargham A et al (2000). Increased baseline occupancy of D2 receptors by dopamine in schizophrenia. Proceedings of National Academy of Sciences USA 97: 8104-8109.


*Meltzer HY et al. (2003). Serotonin receptors: their key role in drugs to treat schizophrenia. Progress in Neuropsychopharmacology & Biological Psychiatry 27: 1159-1172.


