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**Mission Statement**  
New Orleans Baptist Theological Seminary and Leavell College prepare servants to walk with Christ, proclaim His truth, and fulfill His mission.

**Core Value**  
The seminary has five core values.  
1. **Doctrinal Integrity**: Knowing that the Bible is the Word of God, we believe it, teach it, proclaim it, and submit to it. This course addresses Doctrinal Integrity specifically by preparing students to grow in understanding and interpreting the Bible.  
2. **Spiritual Vitality**: We are a worshiping community emphasizing both personal spirituality and gathering together as a Seminary family for the praise and adoration of God and instruction in His Word. Spiritual Vitality is addressed by reminding students that a dynamic relationship with God is vital for effective ministry.  
3. **Mission Focus**: We are not here merely to get an education or to give one. We are here to change the world by fulfilling the Great Commission and the Great Commandments through the local church and its ministries. This course addresses Mission Focus by helping students understand the biblical foundations for fulfilling the Great Commission and the Great Commandments.  
4. **Characteristic Excellence**: What we do, we do to the utmost of our abilities and resources as a testimony to the glory of our Lord and Savior Jesus Christ. Characteristic Excellence is addressed by preparing students to excel in their ability to interpret Scripture, which is foundational to effective ministry.  
5. **Servant Leadership**: We follow the model of Jesus and exert leadership and influence through the nurture and encouragement of those around us. Servant Leadership is modeled by classroom deportment. The core value focus for this academic year is **Spiritual Vitality**.  

**Curriculum Competencies**  
NOBTS faculty members realize that all ministers need to develop specific competencies if they are going to have an effective ministry. To increase the likelihood of NOBTS graduates having an effective ministry, the faculty developed a competency-based curriculum after identifying seven essential competencies necessary for effective ministry. All graduates are expected to have
at least a minimum level of competency in all of the following areas:

1. **Biblical Exposition**: to interpret and communicate the Bible accurately.
2. **Christian Theological Heritage**: To understand and interpret Christian theological heritage and Baptist polity for the church.
3. **Disciple-Making**: To stimulate church health through mobilizing the church for missions, evangelism, discipleship, and church growth.
4. **Interpersonal Skills**: To perform pastoral care effectively, with skills in communication and conflict management.
5. **Servant Leadership**: To serve churches effectively through team ministry.
6. **Spiritual and Character Formation**: To provide moral leadership by modeling and mentoring Christian character and devotion.
7. **Worship Leadership**: To facilitate worship effectively.

**Competencies Addressed in this course:**
2. Christian Theological Heritage
3. Spiritual and Character Formation

**Course Description**
A survey is undertaken of a wide range of materials and issues related to the background of the Old and New Testaments, including: archaeology, historical geography, religion, manners and customs, economics, social concerns, and the literature of the ancient Near East and the Greco-Roman world. The course is designed to help students bridge the temporal and cultural gaps between contemporary society and the historical eras of the Bible.

**Student Learning Outcomes**
At the conclusion of the semester, the student will:
1. Be able to apply their knowledge and comprehension of the background of the Bible including - archaeology, historical geography, religion, manners and customs, historical and social setting, and the literature of the ancient world to the process of interpreting and communicating the Bible accurately.
2. Value the necessity of bridging the temporal and cultural gaps between contemporary society and the biblical period.
3. Be able to identify the physical geographical elements of the land of Israel and the Ancient Near East.
4. Be able to locate the site of significant Biblical events of the Old and New Testaments

**Course Teaching Methodology**
This course consists of grasping the geographical (geological structure), chronological, historical and cultural settings of the biblical world through -1) the require reading (class textbooks, and workbook); 2) viewing PowerPoint presentations which contain maps and other graphic media to help visualize and comprehend the historical and geographical settings this is supplemented with 3) video lectures (but limited in number).
Materials for the class are located in Course Documents on Blackboard they consist of: the following are located: Map Quizzes, Exams, and Related Materials (extra maps, study guides for exams, and extra articles for you to enhance your understanding and knowledge), please make use of them.

There are 4 Sections and/or Units of Lectures to work through. Each Unit is broken down into a manageable set of Lectures delivered via PowerPoint and video presentations. Lectures are supplemented with outside reading from class texts as assigned in Course Schedule. Do make sure to do the readings best before viewing the Lectures and do take notes adding to the study guide supplied, for they will be helpful in studying for exams. Consult the Table of Content of each class textbook, for they do correspond to the class lectures, for the class follows a chronological order.

Lectures include (expanded from above):
1) A Workbook divided into 8 Sections (1-8), which are notes that correspond with the PowerPoint lectures noted below. There are added materials here that will be required for exams.
2) PowerPoint presentations one study & work through following a numerical/chronological order. They fall into 2 parts in most cases, consisting of a lecture followed by slides emphasizing the lecture & related geography.
3) Video presentation – they are limited and, in most cases, consist of a summary of the lecture supplying one with the necessary information needed for the course.
4) The Notes and Lectures should be labeled the same (page numbers are given in the PowerPoints which correspond to the Workbook) if there are any problems please e-mail me or call.

The Four Units and their lectures are:
Unit 1- Setting the Stage: Introduction, Geographic overview of Israel, Genesis 1-11, & Pre-History
Unit 2 - Bronze Age (Middle & Late): Patriarchs; Exodus & Conquest & Settlement
Unit 3 - Iron Age: United & Divided Monarchy
Unit 4 - NT Backgrounds: Jesus in the Galilee & Jesus in Jerusalem

Course Texts:
To be read in conjunction with class lectures (see Blackboard)
1. English Bible (a good translation)
5. Warner, Dan, Encountering the Biblical World Course Workbook (Posted on Blackboard)

Recommended reading:
1. *Archaeology & The Old Testament.* Hoerth, A. (Baker, 1998), *(AOT)* – This an optional reading but heavily suggested. Note within the reading schedule of this course reading, suggestions are given from this text that corresponds to the topics discussed.

2. *Zondervan Handbook to the Bible.* ed. by Pat and David Alexander (Zondervan, 1999)


**Course Requirements and Grading**

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<thead>
<tr>
<th>Requirement</th>
<th>Percentage</th>
<th>Due Date</th>
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<tbody>
<tr>
<td>Midterm Exam</td>
<td>20%</td>
<td>after Unit II (on or before midnight, July 3)</td>
</tr>
<tr>
<td>Map Quizzes (3)</td>
<td>25%</td>
<td>see class schedule for dates</td>
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<tr>
<td>Final Exam</td>
<td>20%</td>
<td>by July 31, midnight, no later</td>
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<tr>
<td>Discussion Participation</td>
<td>10%</td>
<td>(6 total, see note for format under Unit 1)</td>
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<tr>
<td>Research Paper</td>
<td>25%</td>
<td>by July 27</td>
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**Map Quizzes** (3 total) – Get to know the World & land of the Bible, see handout “Regions, Cities to Know” for list of regions, cities, and places to identify for the quizzes (see also extra detailed maps for you to use found in Course Documents). You will need to consult these maps besides class text and other Bible geography books; as noted, I have also placed many maps for you on Blackboard (under Study Helps) for use in both study and personal presentations. (**Remember many illustrations & photos used in this course are copyrighted and cannot be published w/o written permission from me).**

**Quiz 1** = Land of Israel Includes: Regions, Mountains, Valleys, Rivers, and Bodies of Waters of Palestine (HBA Map 7 for help)

**Quiz 2** = Tribes of Israel & OT Cites (Consists of 1 map for Tribes & 1 map for OT cities)

**Quiz 3** = NT World (Mediterranean) of Cities & Kingdoms/Countries (Consists of 1 map for Kingdoms/Countries for Mediterranean world & 1 map for NT cities)

**Exams** – note there are study guides available for both midterm and final. They are only guides to help one organize and know what materials will be covered on the exams. Information for the exams come from class notes, PowerPoint lectures, and reading **it is up to the student to gather the necessary information!** Tests will include matching (i.e. dates, inscriptions (from RANE) key events, geographical features, etc.), multiple-choice, some fill in the blank, and short essays usually cover various topics (i.e. Philistines, Shephelah, David, etc.).

**Note 5 pts. off per day for all late work!**

**Text’s Abbreviations**

- **AOT** = Archaeology & the Old Testament (Hoerth)
- **HBA** = Holman Bible Atlas, (Brisco)
- **RANE** = Readings from the Ancient Near East, (Arnold & Beyer)
- **WKBK** = Course Workbook – Available in Blackboard Course Documents
Note the dates for the Midterm, Quizzes, and Assignments. Exceptions must be approved by the professor prior to the due date!

Summer 2017 Semester: Classes Begin – June 1; Final Exam Deadline – Jul 31 Midnight

Research Paper - will be posted on Blackboard Monday, July 27 (under folder labeled Exams). Students have two options to write on (Note submit papers in a Word document format, not a PDF)

1) Historical geography of a major region in Israel (i.e. Hill Country, Negev, Shephelah, Coastal Plain, etc.) or a Site/City:
   Research for a region should include:
   ▪ Geological make-up of the region
   ▪ The region's historical significance (its main function within Israel proper)
   ▪ All major roads (locate both local and international)
   ▪ Key cities (what is their main importance)
   ▪ All bodies of water
   ▪ Map of the region, locating key cites, roads, etc. would be fine (but not a part of the page requirement)

   Research for a Site/City should include:
   ▪ The identification of the biblical site
   ▪ Where the site/city is located does not matter Israel, Mesopotamia, Egypt, etc., why it is located where it is, what was its function in history,
   ▪ Its history, develop who controlled it, the role it played in the development of the country it resided in, etc.

2) Topical – a topic relevant to this course; see Blackboard for a list of suggested topics. Make sure to get to the point, argue & present the significant elements of your research, have good interaction with sources (note original firsthand sources are the best, i.e. ancient texts, documents, eyewitnesses’ accounts, etc.).

Format - Length 11-12 pages (title page and bibliography do not count), double-spaced, standard 12 pt. font (e.g. Times New Roman). The paper should follow Turabian format and submitted in a Word Document, No PDF’s, please.

Grading - Form & style and Spelling & grammar = 5% - make sure the theme is developed, logical, coherent!
   - Research & bibliography = 10% - use first-hand sources when possible, textbooks are secondary, by a good bibliography one is showing me that you did your homework!
   - Content = 85% - the argument, the key issues, relevant data etc.

NOTE: 30% of Bibliography should consist of sources from scholarly journals (1 ½ source per typed page is the acceptable norm, 10 pages = 7 sources, etc.). See Handout: Suggested Paper Topics and Biblical Studies Journals for help!
RESEARCH PAPER Due Date: Post marked by July 27, 2020 by midnight.
(5 pts off for each day late)

Class Procedure**Read Carefully**
Materials for the class are located in Course Documents on Blackboard they consist of:
1) Map Quizzes, Exams, and Related Materials (extra maps, study guides for exams, and extra articles for you to enhance your understanding and knowledge of the topics discussed), please make use of them.
2) Workbook – Sections 1-8: which are notes that correspond with the PowerPoint lectures, fill in notes as you work through the PowerPoint slides, add notes from your readings, and follow the Midterm Exam Guide
3) Lectures - these are mainly PowerPoint presentations (working on some video presentations) that you need to look at & work through, all are in numerical/chronological order. They consist of a lecture usually followed by slides emphasizing the lecture & related geography, and some videos (usually a summary of the lectures) to give you the necessary information one needs for the course. Notes and Lectures should be labeled the same, if there are any problems please e-mail me or call ASAP.
4) There are 4 Sections or Units to work through, one has just about a month to work through each section (except the last Unit, it’s shorter), so work at a pace best for you, but assignments need to be taken on time (5 pts reduction for each day late). Each lecture is supplemented with outside reading from class texts as noted in Course Schedule, make sure to read them (best before viewing the Lectures) for they will be needful for exams. And don’t forget to check out Related Materials also in Course Documents, several good articles related to some lectures.
5) Note the index of each class textbook as they correspond to the class lectures (i.e. PowerPoints mainly), as the class follows a chronological order.

Class Discussion
Each student will participate in the Discussion questions on Blackboard. These are just general questions that highlight key areas that you have read and are looking at in the PowerPoint lectures. Each student will compose a comment and discuss one other student's comment, which needs to be completed by the time indicated (a 5pt reduction for each day late).

Lectures include Four Units to Work Through: Time frame consists of:
1. Unit 1 – (June 1-14): Setting the Stage
2. Unit 2 – (June 15–July 1): Patriarchs & Exodus
3. Unit 3 – (July 2-22): Conquest & Settlement & United & Divided Monarchy
4. Unit 4 – (July 23-31): NT Backgrounds: Jesus in the Galilee & Jerusalem
Course Schedule and Outline of Lectures to be Covered (Pace yourself!)

UNIT 1: Setting the Stage — In the Beginning!
June 1-14, Workbook: Sections 1 & 2

1. Introduction
   Reading - AOT Chpt 1
2. Geographical Overview: The Land of the Bible
   Reading: HBA Part I (Ch 1-3, pp. 2-32)
3. In the Beginning: Gen 1-11
   Reading: Gen 1-1; AOT Chpt 9; HBA Ch 4, pp. 33-34; Creation: Ancient Near East, (ANE)
   Mythology vs. Genesis Creation: RANE #4-6, 8, 9, 12, 13, 45
4. Rise of Urbanization Early Bronze Age: Egypt and Mesopotamia
   Reading: AOT Chpt 2; HBA pp. 35-40

Quizzes, Exams, and Discussion Lists:
Discussion Board:
   Introduce yourself by June 3.
   Contribute a comment to Geography June 5.
NOTE: In this and the following Discussion Board topics, each student is to submit a comment
   and then follow-up with interactions with two of the other students in the class.
   Contribute a comment to Creationism/Beginnings by June 10
Map Quiz #1 - (Must be taken by June 14)

UNIT II: The Bronze Age - World of the Patriarchs & Exodus
June 15–July 1, Workbook Part 3 & Parts of 4

1. Middle Bronze Age: World of the Patriarchs
   Reading Assignments: AOT Chpt 4, 5, 6; HBA pp.41-51; RANE #14-16, 18, 21-26, 30; Gen
   12-50
2. Late Bronze Age: World of Moses - The Political Setting of the Exodus, the Exodus &
   Wilderness Wanderings
   Reading Assignments: AOT Chpt 7, 8 & 10: pp. 201-205; HBA pp. 52-74; RANE #17, 27-29,
   31, 32, 55; Exodus 1-20.
   Read: “Sacrifices and Offerings,” by A. Rainey from Zondervan Pictorial Encyclopedia of the
   Bible

Quizzes, Exams and Discussion Lists:
Discussion Board: Contribute a comment to World of the Patriarchs by June 21. Remember to
   interact with at least one other student’s comments.
Map Quiz #2: (Must be taken by July 1, midnight)
Midterm: Must be taken on or before July 3, midnight.
UNIT III: Late Bronze Age Continued & Into the Iron Age
July 2-22, Workbook: Section Parts of 4, 5 & 6

1. Conquest and Settlement - Joshua and Judges
   Reading Assignments: AOT 10 & 11; HBA pp. 89-101; RANE #50; Joshua, Judges
2. Emergence of the Monarchy: From Tribe to Nation: The United Monarchy
   Reading Assignments: AOT 12-14; HBA pp.102-114; RANE #51, 54, 59; II Sam 1-12, I Kings 1-11
3. Divided Monarchy/Kingdom: Fall of Samaria
   Reading Assignments: AOT 15, 16; HBA pp. 115-141; RANE #39-43, 48; I Kgs 12-2 Kgs 17.
4. Southern Kingdom: Judah
   Reading Assignments: AOT 17-19; HBA pp. 142-157; RANE 56-58, 60-62, 155; 2Kgs 18-25; BSOT: Chpt 9, 28-30, 38-40 & 35

Quizzes, Exams, and Discussion Lists:

Discussion Board: Contribute a comment to the Joshua & the Conquest by July 10
Contribute a comment to the Iron Age by July 17

UNIT #4: New Testament Backgrounds
July 23-31, Workbook 7 & 8

1. Jesus in Galilee
   Reading Assignments: OTA 20; HBA pp. 207-215; Matthew 1-20
2. Jesus in Jerusalem
   Reading Assignments: HBA pp. 216-235; Matthew 21-28; Luke 19-24

Quizzes, Exams, and Discussion Lists:
Discussion Board: Contribute a comment to the NT Backgrounds by July 27.
Map Quiz #3 must be taken by, July 30 midnight.

RESEARCH PAPER: Due Date: Postmarked on BB by July 27 by midnight.
FINAL Exam: Must take by July 31, midnight, Blackboard closes then, and I cannot open it!

Additional Course Information
If you have any questions about Blackboard, SelfServe, or ITC services, please access the ITC page on our website: www.NOBTS.edu/itc/ - General NOBTS technical help information is provided on this website.
Course Bibliography: General References

Dictionaries, etc.


Atlases


Historical Geography

Bible Handbooks

Archaeology
_____.

**History**

**Ancient Near East**


_____.

**Egypt**


**Ancient Palestine**


Schurer, *The History of the Jewish People in the Age of Jesus Christ (175 B.C.-A.D. 135)* (Revised and Edited by Geza Vermes and Fergus Millar; Edinburgh: T & T Clark, 1973)
## Competency Assessment Rubric for BBBW5200 Encountering the Biblical World Research Papers

### Cognitive/Understanding Assessment

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| **1. The Student** | ☐ demonstrated a comprehensive understanding of the resources for Biblical Backgrounds research  
☐ reflected an awareness of the resources for Biblical Backgrounds research but did not utilize those resources adequately  
☐ reflected an awareness of some of the resources for Biblical Backgrounds research but did not utilize many of the resources  
☐ was unable to identify or explain the resources for Biblical Backgrounds research |
| **2. The Student** | ☐ demonstrated a comprehensive understanding of the physical world of the Bible  
☐ reflected an awareness of the process of the physical world of the Bible but did not adequately relate it to Biblical interpretation  
☐ reflected an awareness of some of the issues related to the Biblical geography but did not utilize them fully in Biblical interpretation  
☐ was unable to identify or explain the geography of the Bible |

### Application Assessment

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| **1. The Student** | ☐ demonstrated a comprehensive understanding of the principles of applying Biblical Backgrounds to interpreting the Bible  
☐ reflected an awareness of the principles of applying Biblical Backgrounds to interpreting the Bible but did not explain them adequately  
☐ reflected an awareness of some of the principles of applying Biblical Backgrounds to interpreting the Bible but did not address them fully  
☐ was unable to identify or explain the principles of applying Biblical Backgrounds to the process of interpreting the Bible |
| **2. The Student** | ☐ demonstrated a valuing of the necessity of bridging the temporal and cultural gaps between contemporary society and the Biblical world  
☐ reflected a general appreciation of the necessity of bridging the temporal and cultural gaps between contemporary society and the Biblical world  
☐ reflected a lack of appreciation for the need of bridging the temporal and cultural gaps between contemporary society and the Biblical world  
☐ rejected the need for bridging the temporal and cultural gaps between contemporary society and the Biblical world |

### Communicative Assessment

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| **1. The Student** | ☐ fully interpreted and communicated the Bible teaching utilizing Biblical background materials  
☐ interpreted and communicated the Bible teaching utilizing some Biblical background materials but did not relate the meaning fully  
☐ inadequately interpreted and communicated the Bible teaching utilizing Biblical background materials  
☐ was unable to interpret and communicate the Bible teaching utilizing Biblical background materials |

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**A BRIEF HISTORICAL SKETCH OF ARCHAEOLOGICAL RESEARCH IN THE ANCIENT NEAR EAST**
I. SURVEYS AND PILGRIMAGES

A. Helena—mother of Constantine identified sites such as in Bethlehem with the Church of the Nativity and the Church of the Holy Sepulchre in Jerusalem.

B. Origen (c.230-254) ("We have visited the places to learn by inquiry of the footsteps of Jesus and of his disciples and of the prophets.") + other C2-C3 AD church fathers note local traditions.

C. Eusebius (c.325) - Chronicle of early searching for Holy places in Palestine --also in his Onomasticon (4th section of research on biblical geography, 1 - 3 are lost) lists alphabetically sites in Palestine w/ annotations.

D. Jerome (c.385-420) Finished translation of Latin Vulgate at Bethlehem Church of Nativity and revised Eusebius' Onomasticon. Letters also mention sites.

E. Crusaders - identified numerous sites and built churches on scores of them.

*** Some suggest that Thomas Jefferson may have been the first to carry out a form of scientific excavation, when in 1784 he dug a trench through an Indian mound on his Virginia property, noting layers (or strata) of bones and burial artifacts.

II. EMERGENCE OF EGYPTIAN AND MESOPOTAMIAN ARCHAEOLOGY

Beginnings of Methodological Excavation and Language Decipherment

A. EGYPT

18th Century

1. Giovanni Belzoni - plundered Egyptian tombs such as Abu Simbel, damaging many "unprofitable" items such as numerous mummies "to rob the Egyptians of their papyri" -- yet was considered somewhat scientific for his day.

2. Napoleon - 1790 took 175 scholars (architects, artists, historians, etc.) to Egypt with his army. 1799 - Rosetta stone found by artillery officers. Confiscated by the British. Opened hieroglyphics, with Demotic and Greek.

3. Jean Francois Champollion (Prof. of History and Oriental Languages at Grenoble at age 19) succeeded in deciphering the hieroglyphics. Published results.

19th Century

1. Col. Richard W. H. Vyse - used gunpowder to enter a pyramid in 1837.

2. A.F.F. Mariette (Fr)-collected manuscripts from Memphis, Gizeh sphinx, Tanis, Thebes. First to insist Egyptian authorities control excavation. Few still resorting to the use of gunpowder.

3. Karl R. Lepsius (Prussia) discovered Proto-Dynastic and Early Dynastic tombs and mastabas in Egypt, as well as Ptolemaic inscriptions.


5. Sir Flinders Petrie - With British novelist Amelia Ann Stanford Edwards founded British School of Archaeology in Egypt (Egyptian Exploration Society). Appalled at the "excavation" methodology of his predecessors, Petrie developed more scientific
approach (see below). Excavated Tel el-Hesi in SW Palestine in 1890. Moved to Palestine in 1926 BC due to difficulties in Egypt. Buried in Israel at Ecole Biblique.

B. MESOPOTAMIA AND ANATOLIA
17th - 18th Centuries

1. Cuneiform texts made their way to Europe (Br, Ger, Fr, Den, It) via diplomats, doctors, et al travelers, beginning in 1621.
2. Decipherment of cuneiform ("wedge-shaped" from Latin cuneus) was gradual and slow. George F. Grotefend (a high school classics teacher, who was knowledgeable in Sanskrit and Pahlevi-desc. from Old Persian) deciphered some Old Persian names from inscriptions from Persepolis, which had been suggested as the capital of the ancient Achaemenid Empire. Yet cuneiform was far from translated. Persian modified cuneiform contained about 41 known symbols. Its cuneiform ancestors were such as Sumerian with 900+ pictographs which later became cuneiform representations; Old Babylonian (Semitic) of Hammurabi (c.1750 BC) with 600-700 signs; to Middle Babylonian with 350+; Elamite with 113 c.2500 BC; to 98 in Neo-Assyrian of 700 BC.

Sir Charles Rawlinson copied the Behistun inscription from the cliffs and worked on the basic decipherment from 1835 to 1851.

*Note: It is estimated that only about 20% of the more than 500,000 cuneiform tablets have yet been translated. e.g.- Donald J. Wiseman published some of the important Babylonian Chronicles (9 tablets) in 1956 and Esarhaddon's treaties (1958), 80 years after they were brought to the British Museum. Many thousands of others remain untouched after 100+ years.

19th Century

2. P.E. Botta (Fr) - continued excavations at Mosul. Began at Nineveh.
4. 1840-1850 - race between French and British to secure the most material national and personal museums. Untrained men plundered sites for whole pottery, solid objects, clay tablets, etc. Many damaged and lost, e.g.- Assyrian gate portal lost in Euphrates River.
5. Hormuzd Rassam and Sir Henry C. Rawlinson continued work for England. Rawlinson is known especially for his work in copying the Behistun inscription which led to the decipherment of cuneiform scripts (1837-).
6. Victor Place succeeded Botta in 1851, resumed excavation at Khorsabad palace of Sargon II.
8. Heinrich Schliemann (Ger pastor) identified the mound of Hisarlik as Troy using Iliad as source text. Began digging 1870-72. With Wilhelm Dorpfeld (architect) published the first archaeological report, citing nine strata in the mound.
9. **E. de Sarzec** at Lagash. Rassam resumed work at Nineveh and Babylon.

20th Century

1. **Robert Koldewey** excavated at Babylon 1899-1917 (Iraq). Others continued work at Susa, Elam Lagash.

2. **Hugo Winckler** (Ger) began Hittite excavations at Boghazkoy (1906). Central Asia Minor (Turkey). Germans, Austrians, & Turks have worked at numerous sites in region.

3. **Baron Max von Oppenheim** excavated Tel Halaf, 1911-14, 1929-31. Prehistoric Halafian culture defined, dated to 5th-4th M BC. Comparable material excavated at Samaria by Herzfeld 1912-14, also at Arpachiya, Tepe Gawra, and Tel Billa in Nineveh region.


5. **Erich Schmidt** at Persepolis beginning in 1935.

*** Note: The nation of Iraq was established in 1932, and the IRAQ Dept. of Antiquities has continued to excavate throughout Iraq with cooperative efforts of the British, French and American schools of archaeology. Laws limiting the export of archaeological artifacts were enacted as early as 1933.


7. 1965-present – Ebla >>15,000 tablets found in new "Eblaite" language, plus Sumerian and Akkadian. Located in N. Syria, near Aleppo.

8. Note recent excavations at Tel Emar and Tel Leilan. Numerous excavations have continued in Turkey, Iraq, Iran, Syria, Jordan, Egypt.

C. PALESTINE

19th Century

a. Surveys by: **Irby and Mangles** (1817-1818)
   **Edward Robinson** (Amer.) and **Rev. Eli Smith** (Protestant missionary in Beirut, fluent in Arabic) in 1838 journeyed 105 days from Cairo to Beirut via Sinai, recording biblical and geographical data, from which were produced 3 vols. *Biblical Researches in Palestine, Mount Sinai and Arabia Petraea* (1841). Later in 1852 traveled in Galilee and Samaria, compiling additional vols. on those regions and a *Physical Geography* of Palestine.

b. **Palestine Exploration Fund** founded (1867-1870)
   **C.R. Conder** and **H.H. Kitchner** - a comprehensive survey under the Palestine Exploration Fund – P.E.F. (1872-1887)
   *The Survey of Western Palestine* (1881) and *Survey of Eastern Palestine* (1889).

c. **Ecole Biblique** founded in 1870's (French) just West of Damascus gate.

d. **Capt. Charles Warren** began excavating Jerusalem, discovered water shaft to Gihon Spring

e. **Sir Flinders Petrie** - developed more scientific excavation techniques at Tel el-Hesi: (1890). Noted as first modern scientific excavation in the Holy Land. Stressed: a)
stratigraphy, b) ceramic chronology and typology, c) utilized metallurgists and botanists to examine remains.

III. DEVELOPMENT OF SCIENTIFIC EXCAVATION METHODOLOGY (1900-1960)

A. Notable Excavations

1. 1900-1910
c. Samaria excavation by Reisner, Fisher, and Lyon who further refined excavation techniques.

2. 1920-1930
a. British Palestine Department of Antiquities founded, headed by John Garstang.
b. Beth-Shean (University of Pennsylvania)
c. Megiddo (University of Chicago)
d. W. F. Albright excavated Tel Beit Mirsim (Johns Hopkins University) who further refined ceramic chronology.
e. Tel en-Nasbeh (Mizpah) by W. F. Bade.
g. Beth-Shemesh (Rowe, et al.)

3. 1930-1940
a. Nelson Glueck (Jewish spy) survey of Transjordan (1933-1946)
b. Beth Shean, Megiddo and Beit Mirsim continued.
c. Jericho (British) by John Garstang
d. Lachish (British) by J. Starkey, L. Harding, O. Tufnell
e. Samaria (K. Kenyon, E. L. Sukenik - Br.)
f. Bethel (James Kelso and W. F. Albright)

4. 1947-1950
b. Search for caves at Qumran begins. Qumran site excav. 1951-56 by Fr. Roland De Vaux
c. Tel Qasile by Benjamin Mazar, first excavation established by the newly created State of Israel.

5. 1950-1960 -- Israeli Archaeology comes of age
a. Nelson Glueck survey of Negev
b. Jericho, Jerusalem (Dame Kathleen Kenyon)
c. Shechem (ASOR - G. Ernest Wright)
d. Hazor, Yigael Yadin with Yohanon Aharoni
e. Gibeon (James Pritchard - University of Pennsylvania)
f. Dothan (James Free - Wheaton College)
g. Caesarea (M. Avi-Yonah; more recently under American consortium-CAHEP)
h. Ashdod (Moshe Dothan)
B. Stages of Development in Archaeological Excavation Methods

1. Area or Sectional Excavation - Sir Flinders Petrie, Heinrich Schliemann (1870s-1920)
   Development of Principles of Stratigraphy and Typology
   Beginning utilization of varied scientific disciplines

   Excavation of architectural units’ rooms, buildings, palaces, defense walls, etc.
   Expansion of utilization of scientific disciplines

3. Wheeler - Kenyon Method - Balk to Debris Layer (1955-present)
   Survey utilizing Israel national grid system, subdivided into sections and squares
   Recent used of subsurface radar to map subterranean structures prior to excavation
   Future use of satellite technology in determination of areas to excavate
   Balk (wall of earth between squares) preserved on perimeter of 5 X 5-meter square
   To preserve stratigraphic sequence and check on previous work
   Development of scientific disciplines such as paleobotany, paleozoology, paleography, social sciences related to ancient peoples, digital photography in deciphering ancient documents, metallurgy, anthropology, chemistry, physics, et al.

IV. EXPANSION PERIOD: THE SCIENCE OF ARCHAEOLOGY (1960-present)

A. Key Excavations of the 1960s -- 1980s
   1. Arad (Hebrew University – Aharoni - Iron Age and Ruth Amiram - EB)
   2. Ein Gedi (Hebrew University)
   4. Gezer (G.E. Wright, William Dever - Hebrew Union College)
   5. Deir Allah (Scandinavia)
   6. Taanach (ASOR) - Paul Lapp
   7. Ai (SBTS - Joseph Callaway)
   8. Heshbon (Andrews University under Harold Stigers)
   9. Dan (Avraham Biran - Tel Aviv University) - continues to present
   10. Ashdod (D.N. Freedman, A. Biran, Moshe Dothan)
   11. Joppa (Israeli)
   12. Capernaum (RC-Franciscan fathers, recently w/ Vassilios Tsaferis)
   13. Tel el-Hesi (ASOR)
   14. Caesarea (Drew University and consortium)
   15. Khirbet Shema (ASOR - Eric and Carol Meyers)
   16. Beersheba (Y. Aharoni - Tel Aviv University)
   17. Aphek/Antipatris (Tel Aviv U.- NOBTS under M. Kohavi - G. Kelm)
   18. Lachish (Y. Aharoni, A. Rainey, D. Ussishkin - Tel Aviv University)
   19. Tel Qasile (B. Mazar, Amihai Mazar)
   20. Timnab--Tel Batash (A. Mazar--Hebrew Univ, G. Kelm--NOBTS, SWBTS)
**B. Present** - Scores of major and minor sites are excavated yearly.

For 2013 see *BAR* January 2016 issue, Recent Excavations include such sites as:

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Site Name</th>
<th>Site Name</th>
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<tbody>
<tr>
<td>Beth Shean (Scythopolis)</td>
<td>Hazor</td>
<td>Tel Haror (=Gerar?)</td>
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<tr>
<td>Tel Halif (En Rimmon)</td>
<td>Jezreel</td>
<td>Bethsaida</td>
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<tr>
<td>Caesarea Philippi (Banias)</td>
<td>Tel Qasile</td>
<td>Sepphoris</td>
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<tr>
<td>Caesarea Maritima</td>
<td>Ashkelon</td>
<td>Mareshah (Marisa)</td>
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<tr>
<td>Tel Hadar (Geshurites?)</td>
<td>Ekron</td>
<td>Qumran caves</td>
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<tr>
<td>Petra (Edomite &amp; Nabatean strata)</td>
<td>Dor</td>
<td>Nahal Beersheba survey</td>
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<tr>
<td>Tel Malhata</td>
<td>Tiberias</td>
<td>Yodefat (Jotapata)</td>
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<tr>
<td>Yarmuth</td>
<td>Dan</td>
<td>Pella</td>
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<tr>
<td>Wadi Mujib Project</td>
<td>Abila</td>
<td>Plains of Moab Project</td>
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<tr>
<td>Apollonia</td>
<td>el-Burj</td>
<td>Nebi Samuel</td>
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<tr>
<td>Megiddo</td>
<td>Chinnereth</td>
<td>Tel Rehov</td>
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<tr>
<td>Tel es-Safi (Gath)</td>
<td>Gezer</td>
<td>Tel Zeitah</td>
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<tr>
<td>Tel Qeiyafa (Sha`araim?)</td>
<td>Beth Shemesh</td>
<td>Hippus/Susita</td>
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<tr>
<td>Abel Beth-Maacah</td>
<td>Cana of Galilee</td>
<td>Azek</td>
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</tbody>
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