



**BBBW 5200 Encountering the Biblical World**  
**New Orleans Baptist Theological Seminary**  
**Biblical Studies Division**  
**Summer 2022, May 30 – July 29 (Internet)**

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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.

**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**

Students who successfully complete the course 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 Texts:**

To be read in conjunction with class lectures (see Blackboard)

1. English Bible (*a good translation*)
2. Arnold, Bill T. & Beyer, Bryan E., 2002, *Readings from the Ancient Near East*, Baker Book House, (**RANE**)
3. Brisco, Thomas, 1998, *Holman Bible Atlas* by (Broadman & Holman Publishers, (**HBA**))
4. Greer, Jonathan S.; John W. Hilber; and John H. Walton, eds. *Behind the Scenes of the Old Testament: Cultural, Social, and Historical Contexts*. Grand Rapids: Baker, 2018. (**BSOT**)
5. Encountering the Biblical World Course Workbook (Posted on Blackboard)

### **Recommended reading:**

1. Hoerth, A. *Archaeology & The Old Testament. (AOT)*, (Baker, 1998), This an optional reading but heavily suggested especially if one has limited knowledge of the biblical world. 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)
3. Rainey, A. & Notley, S. *The Sacred Bridge*. by (Carta, Jerusalem, 2006), Best atlas out there!
4. Stager, L. & King, P. *Life in Biblical Israel*. by (Westminster John Knox Press, 2001)
5. Wright & M. Bird. *The New Testament in Its World*. by N.T. (Zondervan, 2019) - hot off the press!
6. *Zondervan Illustrated Bible Backgrounds Commentary on the Old Testament and Zondervan Illustrated Bible Backgrounds Commentary on the New Testament*

### **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 extra materials found here that one is required to know); (2) viewing PowerPoint presentations which contain maps and other graphic media to help visualize and comprehend the historical and geographical settings (one can download them all but cannot publish materials form them) this is supplemented with (3) video lectures (but limited in number). In class lectures & discussion March 11-12, 2022.

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1. Materials for the class are located in the Content section on Blackboard. They consist of PowerPoints, 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.
  2. 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.
  3. 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.

## **Course Requirements**

- 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 copy righted and cannot be published w/o written permission from me).  
**Map Quiz 1** = Land of Israel Includes: Regions, Mountains, Valleys, Rivers, and Bodies of Waters of Palestine (HBA Map 7 for help) **Due Date June 22, midnight**  
**Map Quiz 2** = Tribes of Israel & OT Cities (Consists of 1 map for Tribes & 1 map for OT cities) **Due Date July 2, midnight**  
**Map Quiz 3** = NT World (Mediterranean) of Cities & Kingdoms/Countries (Consists of 1 map for Kingdoms/Countries for Mediterranean world & 1 map for NT cities) **Due Date July 23 , midnight**
- 2 Exams – MidTerm and Final 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, power point lectures, and reading **it is up to the student to gather the necessary information!** Test will include matching (i.e. dates, inscriptions, know handout study guide), multiple choice, some fill in the blank, and short essays (need to be thorough) usually over various topics (i.e. Patriarchs, Exodus, Moses, Philistines, Shephelah, David, etc.).
- Discussion Board (BB):** There are 5 various topics given while moving through the course on DB (see class schedule) for each student to submit a comment about (needs to be a full paragraph and hopefully some thought 😊) and then follow-up with interactions with two other students post in the class (more than a one-liner or just agreeing with the author’s statement).
- Research Paper** - will be posted on Blackboard.  
Students have **three options** to write on:  
**A). A historical geography topic** of a major region in Israel (i.e. Hill Country, Negev, Shephelah, Coastal Plain, etc.). Research for a region: should include:
  - Geological/topographical make-up of the region
  - The region's historical significance (its main function within Israel proper), comprehend how the regions was used, i.e. as defensive, commercial, agricultural, or maybe a combination of all, do some critical homework here
  - All major roads (locate both local and international), where did they go and why
  - Key cities (explain what is their main importance, include key archaeological excavations)
  - All bodies of water
  - Map of the region, locating key cites, roads etc. would be fine (but not a part of the page requirement)**B). Research on a significant Site/City:** which should include:
  - Is history and 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,
  - Function in history,
  - Who controlled it,
  - Role it played in the development of the country it is in, and so forth (etc.)

- C). **Topical** – a topic relevant to this course; see Blackboard for 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 – these do not count and there is 5pts off for each page short of 11), double-spaced, standard 12 pt. font (e.g. Times New Roman). The paper should follow Turabian format for which a guide can be found on the Course Menu Bar towards the bottom. Paper needs to be submitted in a Word Document, No PDF's, please!

Grading Criteria:

- Form & style and Spelling & grammar = 5% - make sure the theme is developed, logical, coherent flow of thought. May need an outline to keep one focused.
- Research & bibliography = 10% - use first-hand sources when possible (sources from the actual period one is dealing with), textbooks are secondary, by a good bibliography one is showing me that you did your homework! Note: 20% of bibliography should consist of sources from scholarly journals (1 ½ source per typed page is the acceptable norm, 10 pages = 7 sources, etc.).
- Content = 85% - the argument, keep focused on the topic chosen with an eye on the key issues and relevant data, well organized,

See Handout in BB: Suggested Paper Topics and Biblical Studies Journals for help!

**Evaluation of Grade**

1. Discussion Participation = 10%
2. Map Quizzes (3 total) = 25% - see syllabus "Course Schedule" for dates
3. Midterm Exam = 20% - July 3
4. Research Paper = 25% - July 26
5. Final Exam = 20% - July 29

Note the dates for the Midterm, Quizzes, and Assignments. Exceptions must be approved by the professor prior to due date!

**Technical Assistance**

For assistance regarding technology, consult ITC (504-816-8180) or the following websites:

1. [Selfserve@nobts.edu](mailto:Selfserve@nobts.edu) - Email for technical questions/support requests with the [Selfserve.nobts.edu](http://Selfserve.nobts.edu) site (Access to online registration, financial account, online transcript, etc.)
2. [BlackboardHelpDesk@nobts.edu](mailto:BlackboardHelpDesk@nobts.edu) - Email for technical questions/support requests with the NOBTS Blackboard Learning Management System [NOBTS.Blackboard.com](http://NOBTS.Blackboard.com).
3. [ITCSupport@nobts.edu](mailto:ITCSupport@nobts.edu) - Email for general technical questions/support requests.
4. [www.NOBTS.edu/itc/](http://www.NOBTS.edu/itc/) - General NOBTS technical help information is provided on this website.

**Course Policy**

1. Attendance: See the Graduate Catalog
2. Make-up Work:
  - The student is responsible for lecture, work assignment changes, and or quiz/test changes that may occurred during the class period. These are poste via announcements which are mainly posted on BB, so check several times a week.

- Make-up for a missed quiz/exam is not allowed unless the student has made provision prior to or immediately after the completion date (such as, in the case of hospitalization, death of a family member, etc.) with the professor.
- Late assignments – there is 2pts. per day reduction in grade for each day late, after 5 Days the assignment is not counted.

### **Help for Writing Papers at “The Write Stuff”**

NOBTS maintains a Writing Center designed to improve English writing at the graduate level. Students can receive writing guides, tips, and valuable information to help in becoming a better writer. A copy of the approved NOBTS Style Guide can be found in the course Blackboard shell, or can be located online at the Writing Center’s page on the seminary website at: [https://www.nobts.edu/\\_resources/pdf/writing/StyleGuide.pdf](https://www.nobts.edu/_resources/pdf/writing/StyleGuide.pdf)

### **Plagiarism on Written Assignments**

NOBTS has a no tolerance policy for plagiarism. Plagiarism in certain cases may result in expulsion from the seminary. See the NOBTS Student Handbook for definition, penalties, and policies associated with plagiarism.

### **Text’s Abbreviations**

AOT = Archaeology & the Old Testament (Hoerth)

BSOT = Behind the Scenes of the Old Testament: Cultural, Social, and Historical Contexts

HBA = Holman Bible Atlas, (Brisco)

RANE = Readings from the Ancient Near East, (Arnold & Beyer)

WKBK = Course Workbook – Available in Blackboard Course Documents

### **Lectures include Four Units to Work Through: Time frame consists of:**

1. Unit 1 – (May 30- June 18): Setting the Stage
2. Unit 2 – (June 19- July 3): Patriarchs & Exodus
3. Unit 3 – (July 4 - 16): Conquest & Settlement & United & Divided Monarchy
4. Unit 4 – (July 17– 29): 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!**

**May 30 –June 18** *Workbook: Sections 1 & 2*

1. Introduction  
Reading - AOT Chpt 1; HBA: 29-32; BSOT: Chpt 5
2. Geographical Overview: The Land of the Bible  
Reading: HBA Part I (Ch 1-3, pp. 2-29); BSOT: Chpts 1-4
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; BSOT : Scripts to the ANE -Chpts11-16
4. Rise of Urbanization Early Bronze Age: Egypt and Mesopotamia  
Reading: AOT Chpt 2; HBA pp. 35-40; BSOT : Iconography Chpts 19-21

### **Quizzes, Exams, and Discussion Lists:**

1. **Discussion Board:** 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  
Introduce yourself by June 4.  
Contribute a comment to Geography June 6.  
Contribute a comment to Creationism/Beginnings by June 17.

2. **Map Quiz #1** - (Must be taken by June 22)

### **UNIT II: The Bronze Age - World of the Patriarchs & Exodus**

#### ***June 19- July 3, 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 Chp 7, 8 & 10: pp. 201-205; HBA pp. 52-74; RANE #17, 27-29, 31, 32, 55; Exodus 1-20; BSOT: Chpts 24, 32, 42-43, 46, 54  
Read: "Sacrifices and Offerings," by A. Rainey from *Zondervan Pictorial Encyclopedia of the Bible*

### **Quizzes, Exams and Discussion Lists:**

1. **Discussion Board:** Contribute a comment to *World of the Patriarchs* by June 26  
Remember to interact with at least two other student's comments.
2. **Map Quiz #2** - must be taken by/on/before midnight of July 2
3. **Midterm** - Must take exam by/on July 3, before midnight.

### **UNIT III: Late Bronze Age Continued & Into the Iron Age**

#### ***July 4 – 16, 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; BSOT: Chpts 6, 25, 33, 50-52
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 ; BSOT: Chpts 7, 17, 44-45, 49, 56, 59-64
3. Divided Monarchy/Kingdom: Fall of Samaria  
Reading Assignments: AOT 15, 16; HBA pp. 115-141; RANE #39-43, 48; 1Kgs 12-2Kgs 17.  
BSOT: Chpts 8, 27, 34, 36 & 37, 65
4. Southern Kingdom: Judah  
Reading Assignments: AOT 17-19; HBA pp. 142-157; RANE 56-58, 60-62, 155; 2Kgs 18-25;  
BSOT: Chpts 9, 28-30, 38-40 & 35

### Quizzes, Exams, and Discussion Lists:

1. Discussion Board: Contribute a comment to the Joshua & the Conquest by July 9<sup>th</sup>  
Contribute a comment to the Iron Age by July 16<sup>th</sup>

### **UNIT #4: New Testament Backgrounds**

**July 17-29, Workbook 7 & 8**

1. Jesus in Galilee  
Reading Assignments: OTA: 20; HBA pp. 207-215; BSOT Chpts 10, 41 & 31; Matthew 1-20
2. Jesus in Jerusalem  
Reading Assignments: HBA pp. 216-235; BSOT: Chpt 18; Matthew 21-28; Luke 19-24

### Quizzes, Exams, and Discussion Lists:

1. Discussion Board: Contribute a comment to the NT Backgrounds by July 25<sup>th</sup>.
2. RESEARCH PAPER Due Date: Post marked by July 25 midnight.
3. Map Quiz #3 must be taken by/on July 23 by midnight.  
FINAL: Must take exam by July 29, midnight.

### Selected Bibliography

#### Dictionaries, etc.

- Freedman, David N., ed. *The Anchor Bible Dictionary*. 6 vols. New York: Doubleday, 1992.
- Craig Evans & Stanley Porter., eds. *Dictionary of New Testament Backgrounds*. Leicester: InterVarsity Press, 2000.
- Gerald F. Hawthorne, et. al. eds. *Dictionary of Paul and his Letters*. Leicester: Inter-Varsity Press, 1993.
- Gralph P. Martin & Peter H. Davids ed., *Dictionary of the Later New Testament and Its Developments*. 1997.
- Joel B. Green, et. al. eds. *Dictionary of Jesus and the Gospels*. Leicester: Intervarsity Press, 1992.
- Master, D., ed. *The Oxford Encyclopedia of the Bible and Archaeology*. Oxford: Oxford University Press. 2013.
- Meyers, Eric M., ed. *The Oxford Encyclopedia of Archaeology in the Near East*. 5 vols. New York: Oxford University Press, 1997.
- Negev, Avraham, and S. Gibson. *Archaeological Encyclopedia of the Holy Land*. New York: Continuum, 2001.
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## Atlases

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- Finegan, Jack. *Discovering Israel: An Archaeological Guide to the Holy Land*. Grand Rapids: Wm. B. Eerdmans Publishing Co., 1981. Excellent and thorough guide by a neo-orthodox theologian. Well researched and helpful in format.
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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.
- 4. **Gaston C.C. Maspero** (Fr) excavated pyramids & tombs of Pepi I, II, et al.
- 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 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. Thousands of others remain untouched after 100+ years.

19th Century

1. **C.J. Rich** - early 19th century. Excavated small tells near Baghdad and Kirkuk-Mosul.
2. **P.E. Botta** (Fr) - continued excavations at Mosul. Began at Nineveh.
3. **Sir Austen H. Layard** (Br) - Nineveh--Sennacherib's palace and Ashurbanipal's Palace and library (25,000 tablets). Nimrud--palaces of Ashurnasirpal, Shalmaneser II, Adadnirari, Esarhaddon (1845, 1852-53, 1878-82).
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.
7. **W. K. Loftus** excavated at Erech (Uruk, Warka) 1850, 1853-54) & later Larsa.
8. **Heinrich Schliemann** (Ger pastor) identified the mound of Hissarlik 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.
4. **Sir Leonard Woolley** excavated Ur (1922, 1926-) and Al-'Ubaid (1923-25). 1926 discovered the Royal Tombs of the early Sumerians.
  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.

6. 1949-1961 - excavation to Calah (Assyria).
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

- a. **R.A.S. Macalister** excavation of Gezer. Bliss & Macalister excavations.
- b. American Schools of Oriental Research in Jerusalem and Baghdad founded.
- 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**.
- f. Ophel Hill in Jerusalem (1927) by **J.W. Crowfoot**.
- 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

- a. **E.L. Sukenik** obtains first of Dead Sea Scrolls. **John Trever** of the ASOR office in Jerusalem photographs and authenticates antiquity of them w/ **W.F. Albright**.
- b. Search for caves at Qumran begins. Qumran site excavate. 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

### 2. Reisner-Fisher Method -- Locus to Architecture 1920-1955)

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)
3. **Benjamin Mazar** begins South wall of Temple Mount in Jerusalem after 1967 War.
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 Tsferis**)
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. Timnah--Tel Batash (**A. Mazar--Hebrew Univ, G. Kelm--NOBTS, SWBTS**)

##### B. Present - Scores of major and minor sites are excavated yearly.

For 2021 see **BAR** January 2021 issue, Recent Excavations include such sites as:

Beth Shean (Scythopolis)	Hazor	Tel Haror (=Gerar?)
Tel Halif (En Rimmon)	Jezreel	Bethsaida
Caesarea Philippi (Banias)	Tel Qasile	Sepphoris
Caesarea Maritima	Ashkelon	Mareshah (Marisa)
Tel Hadar (Geshurites?)	Ekron	Qumran caves
Petra (Edomite & Nabatean strata)	Dor	Nahal Beersheba survey
Tel Malhata	Tiberias	Yodefat (Jotapata)
Yarmuth	Dan	Pella
Wadi Mujib Project	Abila	Plains of Moab Project
Apollonia	Tel Hadid	el-Burj
Nebi Samuel	Megiddo	Chinnereth
Tel Rehov	Tel es-Safi (Gath)	Tel Zeitah
Tel Gezer (SWBTS, NOBTS)	Cana of Galilee	Azekah
Tel Qeiyafa (Sha`araim?)	Beth Shemesh	Hippus/Susita
Abel Beth-Maacah	Huqoq	Tel `Araj (NT Bethsaida)
Jerusalem – City of David	Moza	

(+ Many More)