

陶器分析

授課教師：陳瑪玲

學年度：八十六學年度第二學期

課程編號：125 M2050

學分數：3

上課時間：(四) 8910；人 307

課外指導：

SYLLABUS

課程內容&目的: 主要在介紹並討論陶器資料在考古學研究中的特性和運用視何種資訊可被獲取出以供考古學家達到復原，及瞭解史前人類的生活方式。

課程形式: 簡介，學生口頭報告，&討論。

課程要求: 口頭報告，討論參與，期中考(take home)，& 期末報告

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| 2 25 1998 | I. Introduction (引言) |
| 3 4, 1998 | II. The Nature of Archaeological Explanation and the inference of Ceramics |
| | II. Ceramic Production and Economics (陶器的生產和經濟) |
| 3 11, 1998 | a. Manufacturing Processes and Technology (製作過程和技術) |
| 3 18, 1998 | b. Material & Composition Analysis (攪合料分析) |
| 3 25, 1998 | e. Pottery Distribution and Production, and Economic, Political Organization (原料的分配和經濟，政治制度) |
| 4 1, 1998 | Spring Break |
| 4 8, 1998 | Midterm (due 4/11) |
| 4 15, 1998 | Proposal Presentation |
| | III. Ceramic Stylistic Analysis (陶器的風格分析) |
| 4 22, 1998 | a. Decoration Elements and Variation (紋飾的元素和變異) |
| 4 29, 1998 | b. Symbolic Approach (象徵取向) |
| 5 6, 1998 | c. Social Organizational Approach (社會制度取向) |
| 5 13, 1998 | d. Economic Approach: Regional Exchange (經濟取向:區域交換) |
| | IV. Ceramic Morphology and Classification (陶器的型制和分類) |
| 5 20, 1998 | a. Ceramic Typology, Vessel Function, and Classification (陶器的類形和功能) |
| 5 27, 1998 | b. Dating, Ceramic Seriation, and Chronology (陶器排隊法和年代) |

- 學)
 6 3, 1998 c. Ceramic Spatial Analysis and Settlement Pattern (空間分析
 和 聚落型態)
 6 10, 1998 *Final Paper Presentation (due 6/24)*

基本參考書:

- Rice, Prudence (NK3780 R53)
 1987 Pottery Analysis: A Sourcebook. University of Chicago Press, Chicago.
 Shepard, Anna O.
 1980 Ceramics for Archaeologist. Carnegie Institution of Washington,
 Washington, D.C.
 Rye, Owen S. (CC79.5 P6 R98)
 1981 Pottery Technology.

Required Readings:

The Nature of Archaeological Explanation and the Inference of Ceramics:

- Ascher, Robert
 1961 Analogy in Archaeological Interpretation. Southwestern Journal of
 Anthropology 17:317-325.
 Binford, Lewis R.
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 Lewis R. Binford and Sally Binford, pp 5-32. Aldine Press, Chicago.
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 Ancient Men and Modern Myths, pp 21-30. Academic, New York.
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 and Results. Journal of Field Archaeology 8(4): 448-456.

Ceramic Production:

- Klempner, L.J. and P.F. Johnson

- 1986 An Analytical Approach to the Technological Development of Mississippian Pottery. in Ceramics and Civilization, Volume 1, Ancient Technology to Modern Science, ed. by W.D. Kingery, pp 101-112. The American Ceramic Society, Columbus.
- Hegmon, Michelle, and Wenda R. Trevathan
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- Kojo, Yasushi
1996 Production of Prehistoric Southwestern Ceramics: A Low-Technology Approach. American Antiquity 61(2):325-340.

Material and Compositional Analysis:

- Bishop, R.L., R.L. Rands, and G.R. Holley
1982 Ceramic Compositional Analysis in Archaeological Perspective. Advances in Archaeological Method and Theory, 5:275-330.
- Rice, P.M.
1982 Pottery Production, Pottery Classification, and the Role of Physiochemical Analyses. in Archaeological Ceramics, ed. by J.S. Olin and A.D. Franklin, pp 47-56. Smithsonian Institution.
- Burton, James H. and Arleyn W. Simon
1993 Acid Extraction as a Simple and Inexpensive Method for Compositional Characterization of Archaeological Ceramics. American Antiquity 58(1):45-59.
- 陳光祖
1990 台東縣東河村附近遺址出土陶片之分析. 田野考古 1(1):73-94.

Ceramics and Social Organization:

- Feinman, Gary M.
1985 Changes in the Organization of Ceramic Production in Pre-Hispanic Oaxaca, Mexico, in Decoding Prehistoric Ceramics, ed. by B.A. Nelson, pp 195-223. Southern Illinois University Press, Carbondale.
- Stark, Barbara L.
1985 Archaeological Identification of Pottery-Production Locations: Ethnoarchaeological and Archaeological Data in Mesoamerica, in Decoding Prehistoric Ceramics, ed. by B.A. Nelson, pp 158-194. Southern Illinois University Press, Carbondale.

Costin, Cathy L. and Melissa B. Hagstrum

- 1995 Standardization, Labor Investment, Skill, and the Organization of Ceramic Production in Late Prehistoric Highland Peru. American Antiquity 60(4):619-639.

Ceramic Style

Element and Variation:

Hill, James N.

- 1985 Style: A Conceptual Evolutionary Framework, in Decoding Prehistoric Ceramics, ed. by B.A. Nelson, pp. 362-385. Southern Illinois Press, Carbondale.

Hardin, Margaret Ann

- 1984 Models of Decoration. In The Many Dimensions of Pottery: Ceramics in Archaeology and Anthropology, ed. by Sandor Van der Leeuw and A.C. Prichard. CINGULA 7:573-614. Institute for Pre- and Proto-History, University of Amsterdam, Amsterdam.

Jernigan, E. W.

- 1986 A Non-Hierarchical Approach to Ceramic Decoration Analysis: A Southwestern Example. American Antiquity 51(1):3-20.

Watson, Patty Jo

- 1977 Design Analysis of Painted Pottery. American Antiquity 42(3):381-393.

Symbolic Approach:

Arnold, Dean

- 1983 Design Structure and Community Organization in Quinoa, Peru, in Structure and Cognition in Art, ed. by D.K. Washburn, pp 56-73. Cambridge University Press, Cambridge.

Friedrich, Margaret Hardin

- 1970 Design Structure and Social Interaction: Archaeological Implications of An Ethnographic Study. American Antiquity 35(3):332-343.

Washburn, Dorothy K.

- 1983 Symmetry Analysis of Ceramic Design: Two Test of the Method on Neolithic Material from Greece and the Aegean, in Structure and Cognition in Art, ed. by D.K. Washburn, pp 138-164. Cambridge University Press, Cambridge.

Social Organizational Approach:

Hill, James N.

1970 Social Groups. in Broken K Pueblo, pp 57-74. Anthropological Papers of the University of Arizona 18.

李光周

1978 墾丁史前遺址的發掘與其陶片的處. 文史哲學報 27:285-

Wobst, Martin

1977 Stylistic Behavior and Information Exchange. in for the Director: Research Essays in Honor of James B. Griffin, ed. by C. Cieland. University of Michigan Museum of Anthropology, Anthropological Papers 61:317-342.

Graves, Michael W.

1985 Ceramic Design Variation within a Kalings Village: Temporal and Spatial Processes, in Decoding Prehistoric Ceramics, ed. by B.A. Nelson, pp. 9-34. Southern Illinois Press, Carbondale.

Kintigh, Keith W.

1985 Social Structure, the Structure of Style, and Stylistic Patterns in Cibola Pottery, in Decoding Prehistoric Ceramics, ed. by B.A. Nelson, pp. 35-74. Southern Illinois Press, Carbondale.

Longacre, William A

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Economic Approach:

Earle, Timothy K.

1982 Prehistoric Economics and the Archaeology of Exchange.

Hantmann, J. and S. Plog

1982 The Relationship of Stylistic Similarity to Patterns of Material Exchange. in Contexts for Prehistoric Exchange, ed. by J. Ericson and T. Earle, pp 237- 263. Academic Press, New York.

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1987 Specialization, Exchange, and Complex Societies: An Introduction. in Specialization, Exchange, and Complex Societies, ed. by E. Brumfiel and T. Earle, pp 1-9. Cambridge University Press, Cambridge.

Rautman, Alison E.

1993 Resource Variability, Risk, and the Structure of Social Networks: An

Example from the Prehistoric Southwest. American Antiquity 58(3):403-424.

Ceramics, Classification, and Vessel Function:

Brown, James A.

1982 On the Structure of Artifact Typologies, in Essays on Archaeological Typology, ed. by R. Whallon and J.A. Brown, pp 176-189. Center for American Archaeology, Evanston.

Cowgill, George C.

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Gifford, James C.

1960 The Type-Variety Method of Ceramic Classification as an Indicator of Cultural Phenomena. American Antiquity 25:341-347.

Kvamme, Kenneth L., Miriam T. Stark, and William A. Longacre

1996 Alternative Procedures for Assessing Standardization in Ceramic Assemblages. American Antiquity 61(1):116-126.

Henrickson, Elizabeth F. and Mary M. A. McDonald

1983 Ceramic Form and Function: An Ethnographic Search and An Archaeological Application. American Anthropologist 53(3):630-643.

Smith, Marion F.

1985 Toward An Economic Interpretation of Ceramics: Relating Vessel Size and Shape to Use, in Nelson, pp 254-309.

Dating, Ceramic Seriation, and Chronology:

Drennan, Robert D.

1976 A Refinement of Chronological Seriation Using Nonmetric Multidimensional Scaling. American Antiquity 41(3): 290-302.

Duff, Andrew I.

1996 Ceramic Micro-Seriation: Types or Attributes? American Antiquity 61(1):89-101.

Spaulding, Albert C.

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Ceramic Spatial Analysis, and Settlement Pattern:

Bintliff, John and Anthony Snodgrass

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Current Anthropology 29(3):506-513.

DeBoer, Warren r., and Donald W. Lathrap

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