

國立陽明大學科技與社會研究所

課程綱要

【開課系所】：科技與社會研究所

【科目名稱】：社會世界理論與研究(105 學年度第 2 學期)

【授課教師】：陳嘉新

【教學目標】：

本課程為本所碩士班之選修課程。本課程屬於本所課程中「醫療與社會」之次領域，將以社會世界理論與其相關研究為主題，進行一系列的介紹與討論。本課程將以 Anselm Strauss 的社會組織與社會過程理論出發，重點討論 Adele Clarke、Susan Leigh Star、Joan Fujimura 等學者的作品，並以國內外的相關研究作為範例，來解說社會世界理論的特性。

注意：因為本課程上課時間在週一下午，會碰上兩次彈性放假，另外有一次正式假日。依照學校行事曆，彈性放假部分將改為周六上課，這部分也可以依照修課同學意願，調整到其他上課時間。課程安排則以數周為一個主題單元，以方便彈性調動內容。

【授課方式】：

由老師對課程單元作綜合性介紹，學生輪流負責報告該週指定的教材，每位修課同學應在上課前將該週指定教材閱讀完畢，才能在課堂上踴躍參與討論。報告同學於上課前繳交一份文章摘要，內容以一頁 A4 紙的篇幅為度。

【評量方式】

課堂導讀與參與討論：50%

期末報告(形式與內容另外說明)：50%

【參考書目】：

1. Bowker, Jeffrey, Stefan Timmermans, Adele Clarke, and Ellen Balka (eds.). 2015. *Boundary Objects and Beyond: Working with Leigh Star*. Cambridge, MA: MIT Press.
2. Clarke, Adele E. and Jon Fujimura. 2014. *The Right Tools for the Job: At Work in Twentieth Century Life Sciences*. Berkeley, CA: UC Press.

【授課進度】：

週次	日期	講題	備註
1	2/13	Introduction	
2	2/18	Anselm Strauss' Interactionism and Social	2/27(一) 228 彈

		Worlds Theory (1)	性放假
3	2/20	Anselm Strauss' Interactionism and Social Worlds Theory (2)	
4	3/6	Anselm Strauss' Interactionism and Social Worlds Theory (3)	
5	3/13	Development of the Social Worlds/Arenas Framework in STS	
6	3/20	Boundary Objects, Heterogeneity and Stabilization	
7	3/27	Boundary Objects, Heterogeneity and Stabilization	
8	4/3	兒童節放假	
9	4/10	The Right Tools for the Job	
10	4/17	The Right Tools for the Job	
11	4/24	Ecologies and Infrastructure of Knowledge	
12	5/1	Ecologies and Infrastructure of Knowledge	
13	5/8	Ecologies and Infrastructure of Knowledge	
14	5/15	Exemplars, Elaborations, and Extensions	
15	5/22	Exemplars, Elaborations, and Extensions	
16	6/3	Exemplars, Elaborations, and Extensions	5/29 端午節彈性放假
17	6/5	Exemplars, Elaborations, and Extensions	
18	6/12	回顧與討論	

Week 1 Introduction

1. Clarke, Adele E. and Susan Leigh Star. 2007. "The Social Worlds Framework: A Theory-Methods Package." Pp. 113-138 in *The Handbook of Science and Technology Studies*, edited by Michael Lynch, Olga Amsterdamska, and Ed Hackett. Cambridge, MA: MIT Press.

Week 2, 3, 4 Anselm Strauss' Interactionism and Social Worlds Theory

1. Corbin, Juliet. 1991. "Anselm Strauss: An Intellectual Biography." Pp. 17-44 in *Social Organization and Social Process*, edited by David Maines. New York: Aldine de Gruyter.
2. Strauss, Anselm. 1977. "A Social World Perspective." Pp. 119-128 in

- Studies in Symbolic Interaction* (Vol. 1), edited by Norman Denzin. Greenwich, CT: JAI Press.
3. Strauss, Anselm. 1979. "Social Worlds and Spatial Processes." Unpublished Manuscript.
 4. Strauss, Anselm. 1982. "Social Worlds and Legitimation Processes" Pp. 171-190 in *Studies in Symbolic Interaction* (Vol. 4), edited by Norman Denzin. Greenwich, CT: JAI Press.
 5. Strauss, Anselm. 1984. "Social Worlds and Segmentation Processes" Pp. 123-139 in *Studies in Symbolic Interaction* (Vol. 5), edited by Norman Denzin. Greenwich, CT: JAI Press.
 6. Gerson, Elihu. 1983. "Scientific Work and Social Worlds." *Knowledge: Creation, Diffusion and Utilization*. 4(3): 357-377
 7. Strauss, Anselm. 1993. *Continual Permutations of Action*. New York: Aldine de Gruyter. Chapters 9, 10, 11
 8. Fujimura, Joan. 1991. On Methods, Ontology and Representation in the Sociology of Science: Where Do We Stand? Pp. 207-248 in *Social Organization and Social Process*, edited by David Maines. New York: Aldine de Gruyter.

Week 5 Development of the Social Worlds/Arenas Framework in STS

1. Clarke, Adele E. and Susan Leigh Star. 2003. "Symbolic Interactionist Studies of Science, Technology and Medicine." Pp. 539-574 in *Handbook of Symbolic Interactionism*, edited by Larry Reynolds and Nancy Herman. Walnut Creek, CA: Alta Mira Press.
2. Clarke, Adele E. 1991. "Social Worlds/Arenas Theory as Organizational Theory." Pp. 119-158 in *Social Organization and Social Process*, edited by David Maines. New York: Aldine de Gruyter.

Week 6, 7 Boundary Objects, Heterogeneity and Stabilization

1. Leigh Star, Susan and James Griesemer. 1989. "Institutional Ecology, "Translations," and Boundary Objects: Amateurs and Professionals in Berkeley's Museum of Vertebrate Zoology, 1907-39." *Social Studies of Science* 19:387-420. 收入 *Boundary Objects and Beyond*, Chap. 7
2. Griesemer, James. 2015. Shaping Spaces, Crossing Boundaries, in *Boundary Objects and Beyond*, Chap. 8
3. Fujimura, Joan. 1992. Crafting Science: Standardized Packages, Boundary

Objects, and “Translation”, pp. 168-211 in A. Pickering (ed.) *Science as Practice and Culture*.

4. Leigh Star, Susan. 1988. The structure of ill-structured solutions: Boundary objects and heterogeneous distributed problem solving. In *Readings in distributed artificial intelligence*, ed. M. Huhns and L. Gasser. Menlo Park, CA: Kaufman. 收入 *Boundary Objects and Beyond*, Chap. 12
5. Leigh Star, Susan. 2010. This is Not a Boundary Object: Reflections on the Origin of a Concept. *Science, Technology and Human Values* 35(3): fix.

Week 8 兒童節放假

Week 9, 10 The Right Tools for the Job

1. Clarke, Adele E. and Joan Fujimura. 1992. What Tools, Which Jobs, Why Right? in *The Right Tools for the Job*. Pp. 3-44.
2. Griesemer, James. 1992. The Role of Instruments in the Generative Analysis of Science, in *The Right Tools for the Job*. Pp. 47-76.
3. Star, Susan Leigh. 1992. Craft vs. Commodity, Mess vs. Transcendence: How the Right Tools Became the Wrong Ones in the Case of Taxidermy and Natural History. in *The Right Tools for the Job*. Pp. 257-286.

Week 11, 12, 13 Ecologies and Infrastructure of Knowledge

1. Leigh Star, Susan. Revisiting Ecologies of Knowledge. *Boundary Objects and Beyond*, Chap. 1
2. Clarke, Adele E. and Theresa Montini. 1993. “The Many Faces of RU 486: Tales of Situated Knowledges and Technological Contestations.” *Science, Technology and Human Values* 18(1):42-78.
3. Leigh Star, Susan. Steps toward Ecologies of Infrastructure. *Boundary Objects and Beyond*, Chap. 20
4. Leigh Star, Susan. Ethnography of Infrastructure. *Boundary Objects and Beyond*, Chap. 24
5. Geoffrey C. Bowker, Stefan Timmermans, Susan Leigh Star, “Infrastructure and Organizational Transformation: Classifying Nurses’ Work,” Pp. 344-370 in *Information Technology and Changes in Organizational Work*
6. Clarke, Adele E. and Monica J. Casper. 1996. From Simple Technology to Complex Arena: Classification of Pap Smears, 1917-90. *Medical Anthropology Quarterly* 10(4): 601-623.

7. *Bowker, Geoffrey and Susan Leigh Star. *Sorting Things Out*. Selected parts.

Week 14, 15, 16, 17 Exemplars, Elaborations, and Extensions (將與同學討論，由下列文章與書籍中選讀)

1. Clarke, Adele E. 1997. A Social Worlds Research Adventure: The Case of Reproductive Science, Pp. 63-94 in *Grounded Theory in Practice*, edited by Anselm Strauss and Juliet Corbin. Thousand Oaks, CA: Sage.
2. Fujimura, Joan. 1997. The Molecular Biological Bandwagon in Cancer Research: When Social Worlds Meet, pp. 95-130 in *Grounded Theory in Practice*, edited by Anselm Strauss and Juliet Corbin. Thousand Oaks, CA: Sage.
3. Leigh Star, Susan. 1997. Of Lungs and Lungers: The Classified Story of Tuberculosis. pp. 197-228 in *Grounded Theory in Practice*, edited by Anselm Strauss and Juliet Corbin. Thousand Oaks, CA: Sage.
4. Wiener, Carolyn. 1991. "Arenas and Careers: The Complex Interweaving of Personal and Organizational Destiny." Pp.175-188 in David Maines (Ed.) *Social Organization and Social Process: Essays in Honor of Anselm Strauss*. Hawthorne, NY: Aldine de Gruyter.
5. Star, Susan Leigh. 1991a. "Power, Technologies and the Phenomenology of Conventions: On Being Allergic to Onions." Pp. 26-56 in John Law (Eds.) *A Sociology of Monsters: Essays on Power, Technology and Domination*. London: Routledge. 收入 *Boundary Object and Beyond*, Chap. 13
6. Garrety, Karin. 1997. Social Worlds, Actor-Networks and Controversy: The Case of Cholesterol, Dietary Fat and Heart Disease. *Social Studies of Science* 27(5):727-773 [有中文版]
7. Figert, Anne E. 1995. "The Three Faces of PMS: The Professional, Gendered and Scientific Structuring of a Psychiatric Disorder", *Social Problems*, 42: 56-73.
8. Christensen, Vivian and Monica J. Casper. 2000. "Hormone Mimics and Disrupted Bodies: A Social Worlds Analysis of a Scientific Controversy." *Sociological Perspectives* 43(4): S93-S120.
9. Casper, Monica J. 1998b. "Negotiations, Work Objects and the Unborn Patient: The Interactional Scaffolding of Fetal Surgery." *Symbolic Interaction* 21(4):379-400
10. Tovey, P. and J. Adams. 2001. "Primary Care as Intersecting Social Worlds." *Social Science and Medicine* 52: 695-706.
11. *Clarke, Adele. 1998. *Disciplining Reproduction: Modernity, American Life*

Sciences and the Problem of Sex. Berkeley, CA: UC Press. Selected chapters

12. 許培欣、成令方 (2010) 棉條在台灣為什麼不受歡迎? 社會世界觀點的分析。《科技醫療與社會》10: 11-72
13. 林宜平 (2011) 對蚊子宣戰: 二次戰後台灣根除瘧疾的科技與社會研究。《台灣社會研究季刊》81: 187-225。
14. 陳俐伊, 急診檢傷分類的 STS 研究。碩士論文初稿。

Week 18 回顧與檢討