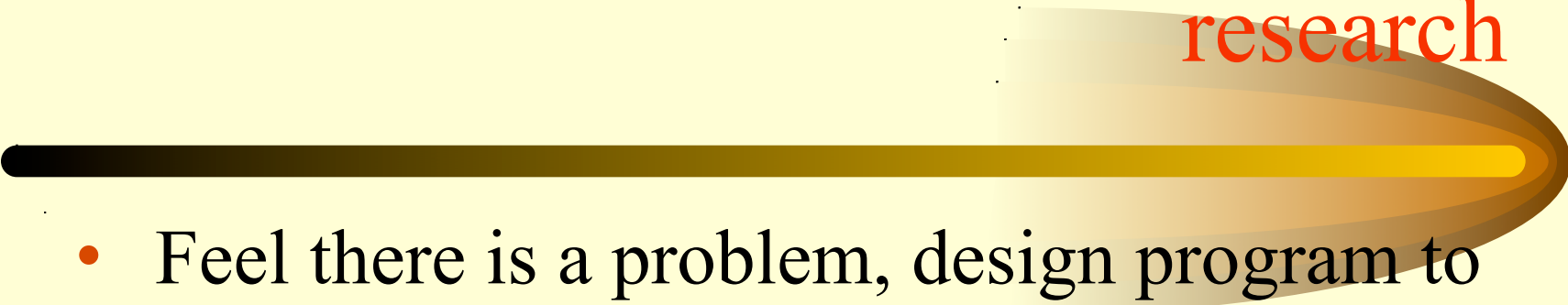# *Sociology 201*

25. **Evaluation Research II**

Total = 19 slides

Review nature of evaluation research

- Feel there is a problem, design program to solve it

- Evaluation = testing whether it worked or not

- Pre- and Post-test measures of variable

Total = 19 slides

The social context

- Logistical problems
- Administrative control
- Some ethical issues

Total = 19 slides

Example: Capital Punishment as Deterrent

- What's the purpose of capital punishment?
- How would you test its effectiveness?
- William Bailey's classic study

Total = 19 slides

Total murders per 100,000 pop.

- *Does the state have Capital Punishment?*
- <u>Yes</u>   <u>No</u>

	Yes	No
1967	1.38	0.48
1968	1.59	0.64

- What do you conclude from this?

Total = 19 slides

Time-order:

- Maybe high murder rate leads to capital punishment

- Bailey also examined states that switched

- Dropping it didn't increase murders

- Adding it didn't reduce murders

- Most murders were spontaneous among friends and relations

Total = 19 slides

Is capital punishment racially discriminatory?

- Given a black man and a white man convicted of murder, which is more likely to be sentenced to the death penalty?

Let's examine some data presented to the U.S. Supreme Court.

Race of Murderer and Death Penalty

	Georgia	Florida	Illinois
Percentages sentenced to death			
Race of murderer	5.5	5.2	1.8
White			
The white man is more likely to be sentenced to death!			
	2.9	2.4	1.5
Black			

What's the explanation for this?

Race of Victim and Death Penalty

	Georgia	Florida	Illinois
Percentages sentenced to death			
Race of Victim			
White	8.7	6.3	2.9
Black	0.9	0.8	0.5

How does this figure in to the investigation?

Total = 19 slides

Race of victims and murderers

	Race of Victim	
	White	Black
Race of murderer		
White	83%	3%
Black	17	97
Total =	100%	100%

So, what are the implications for the death penalty?

Total = 19 slides

Percentages Sentenced to Death

-
-
	Race of Victim	
	White	Black

- *Race of Murderer*
- White | 4.3 | 2.5
-
- Black | 13.2 | 0.7

Is the death penalty discriminatory?

Total = 19 slides

Supreme Court Ruling

- No objection with the statistical data

- However, no racial discrimination exists unless individual jurors say they made their decisions based on race

- NOTE: The idea of "institutional discrimination" is a difficult one to get
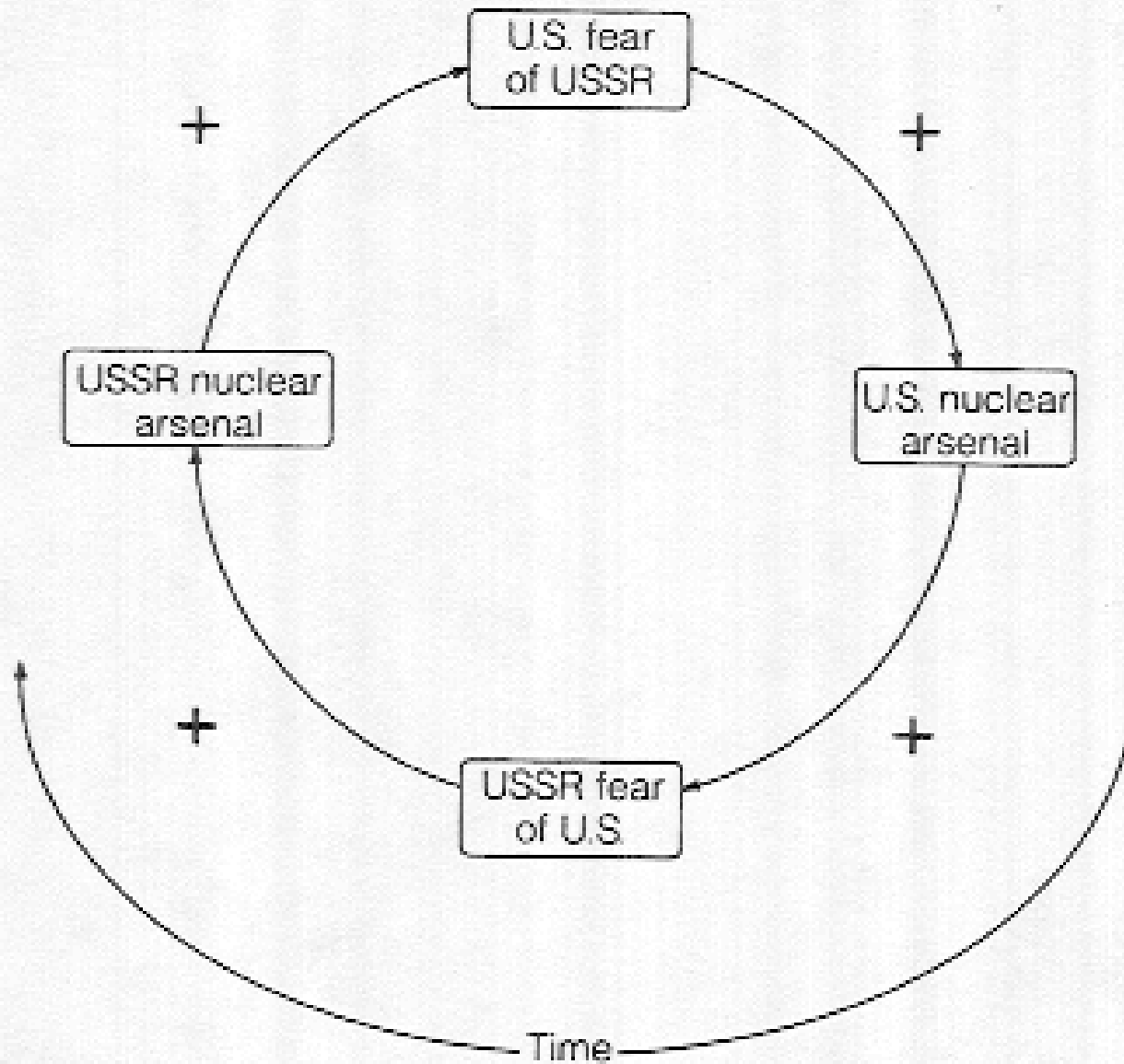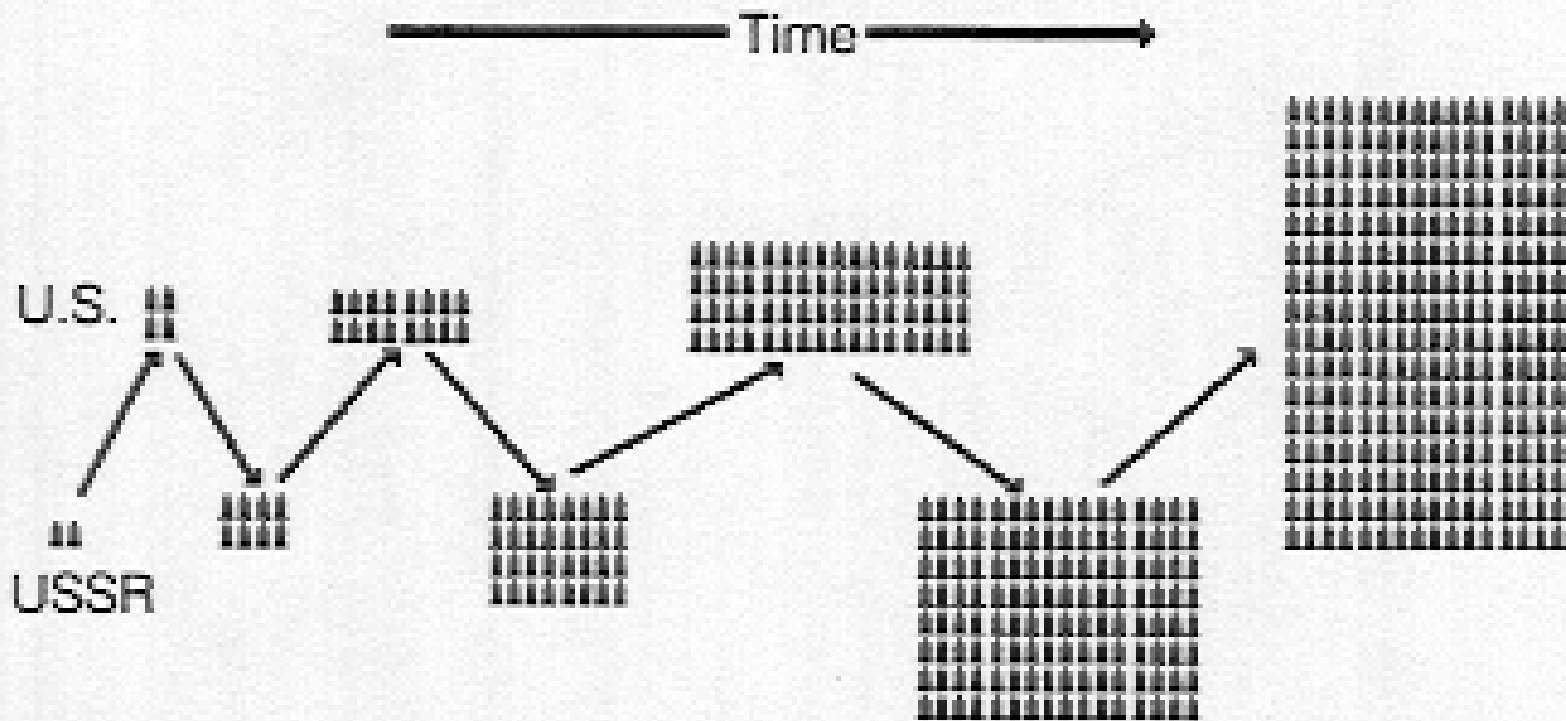
Total = 19 slides

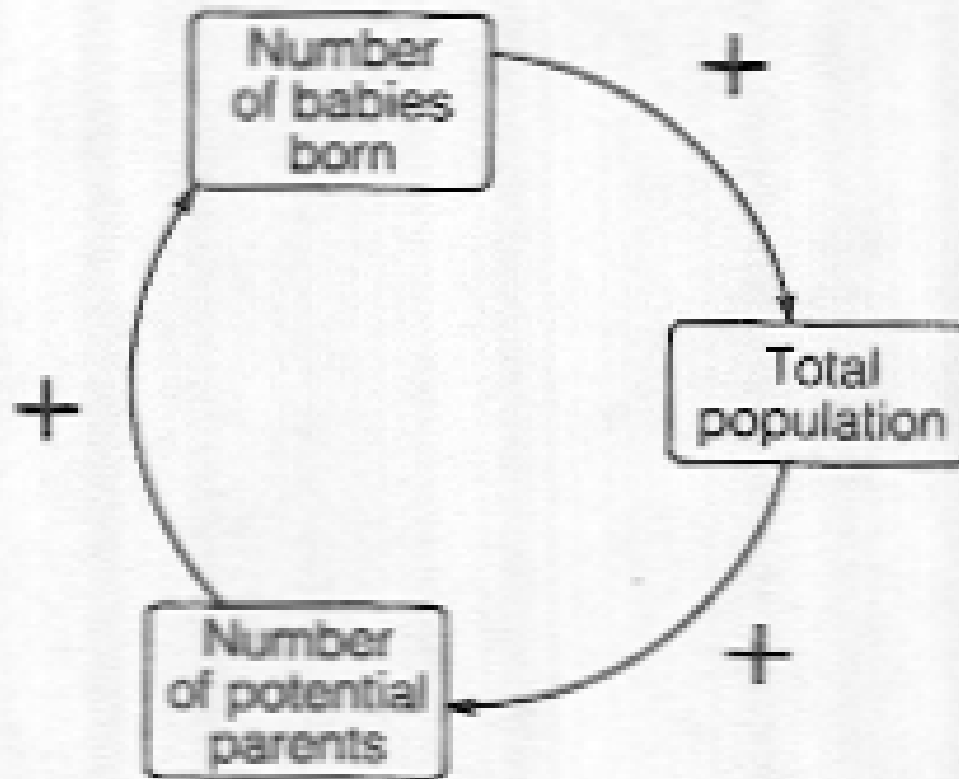# Social indicators research

- Computer simulation
- System dynamics
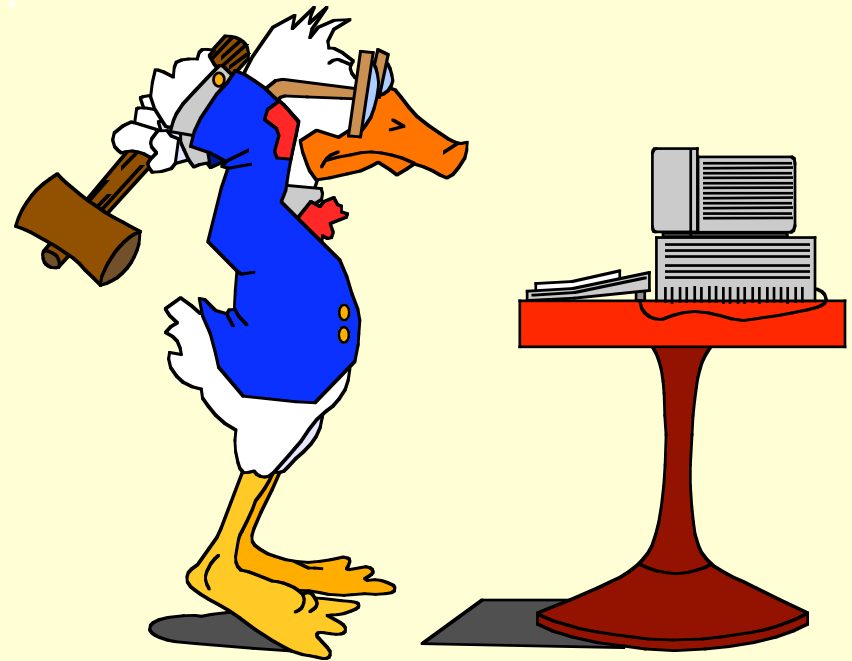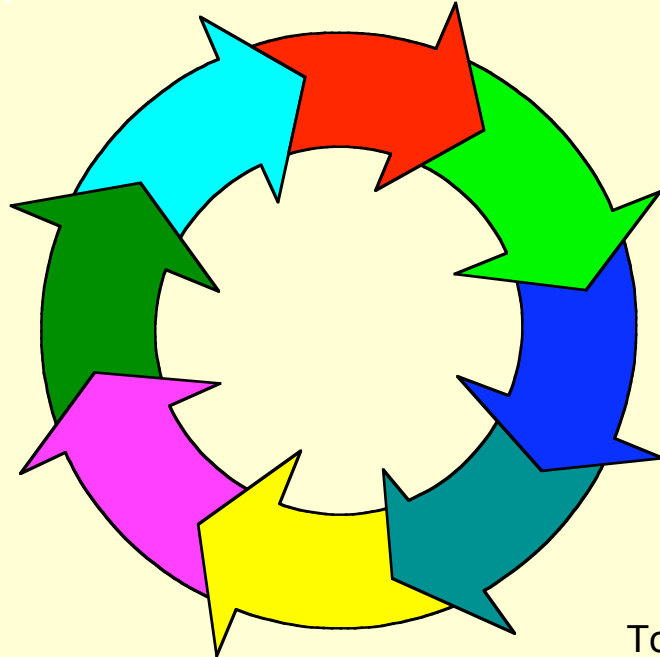
Total = 19 slides

Figure 6.3
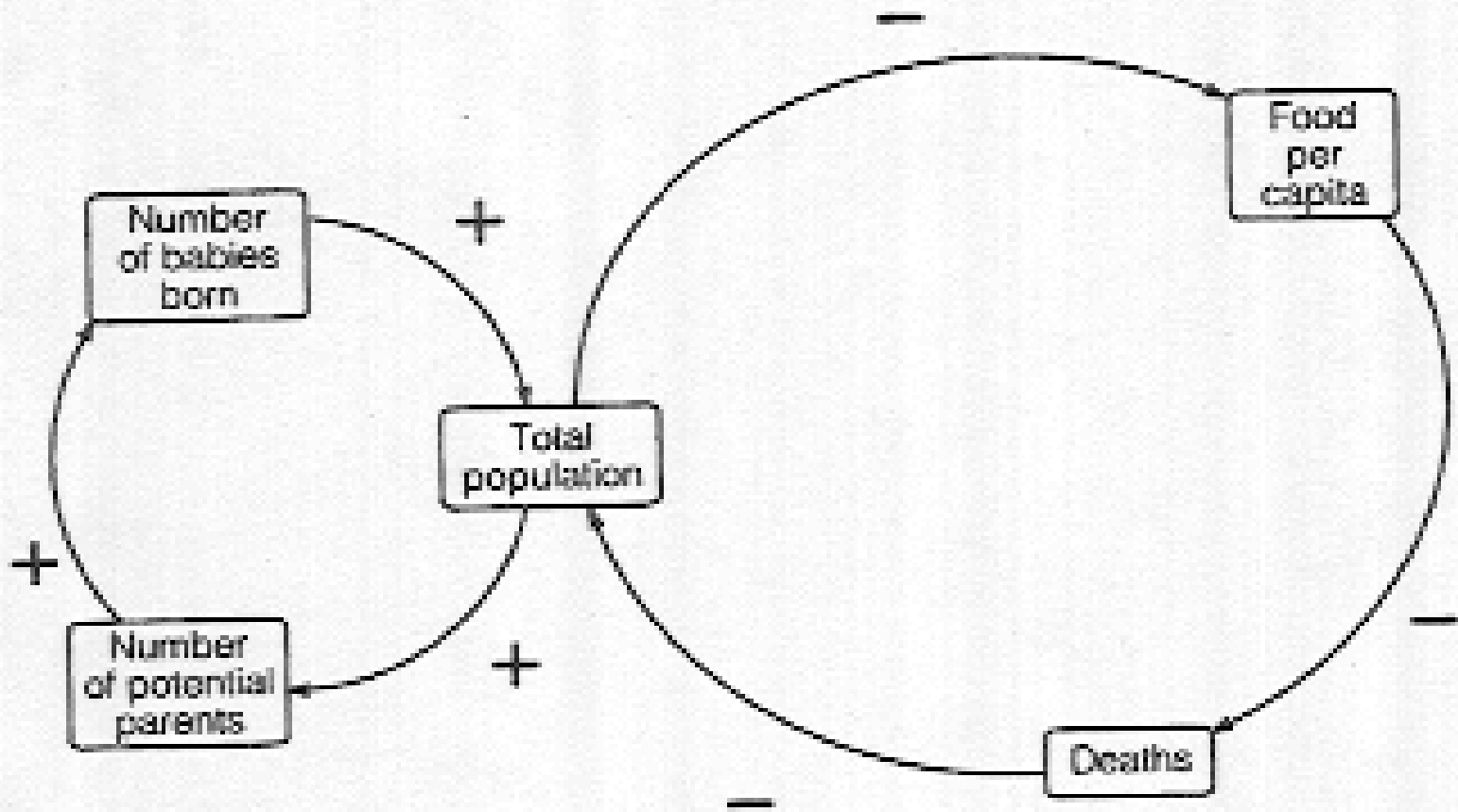**The Relationship of Elements in the U.S.–USSR Arms Race**

Total = 19 slides

Figure 6.5
Positive Feedback Loop of Population Growth

Total = 19 slides

Figure 6.6
Negative Relationship Between Total Population Size and Amount of Food per Capita

Next Time

- "Overview of Data Analysis"
- Skim Chapters 14-17

Total = 19 slides