Panel on Effective Leadership

Ruth M. Pfeiffer

Biostatistics Branch Division of Cancer Epidemiology and Genetics National Cancer Institute, NIH

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Define "Leadership"

Wikipedia: "a process of social influence in which a person can enlist the aid and support of others in the accomplishment of a common task".

Leadership vs Authority

- Authority exercised is legitimate power
 - people follow figures exercising it, because their **positions** demand it irrespective of the person holding the position
- Leaders may have formal authorities but they mostly rely on the informal authority that they exercise on people to influence them.

Manager vs Leader

Manager	Leader
A person becomes a manager by virtue of his position.	A person becomes a leader on basis of personal qualities
Formal rights in organization because of status	Typically no formal rights
People follow manager by virtue of job description.	People follow on voluntary basis.
It is permanent	Leadership can be temporary

Effective leadership

- Setting goals and objectives
- Organizing work and tasks to meet goals.
- Motivating and inspiring people
 - to agree with goals
 - act to meet goals
- Resolving problems
- Continually improving processes

Examples of leadership from the statistical trenches

- Help develop research protocols
- Influence and shape scientific direction
- Lead statistical aspect of large scientific studies
- Guide programmers and data managers
- Guide junior researchers and trainees (PhD students, postdoctoral fellows)

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 - Match talents and interests with assignments
- Appreciation and support of team members

Reference

W. Roberts: Leadership Secrets of Attila the Hun

"leadership secrets of the man who shaped an aimless band of mercenary tribal nomads into the undisputed rulers of the ancient world"