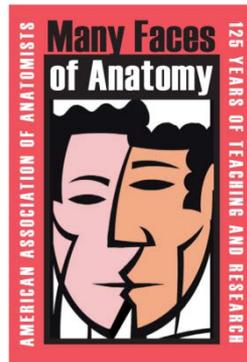


# Ethics Case Studies (KA)



WILEY



# 2 Case Studies

❖ **What would you do?**

# Case 1

## What ethical breeches occurred?

- **A young Ph.D. obtains postdoctoral fellowship training in another country. During her training, the postdoc writes several abstracts to meetings, presents the abstracts, and writes a complete draft of a manuscript.**
- **When the fellowship training is completed, the postdoc returns to her home country, where she became an Assistant Professor and continued her research project.**
- **A year or so later, the new assistant professor submitted and published a paper that reported the results from her studies that were done as a postdoc. The published manuscript is the complete draft that she and her postdoctoral mentor wrote, including figures.**
- **The postdoctoral mentor and others in his laboratory who contributed to the study, and who were co-authors on the original abstracts and complete draft of the manuscript, are not listed as co-authors on the published paper. Nor are the mentor's institutional affiliation or grants acknowledged.**

# Case 1

## Does the former mentor have any responsibility for the current situation?

- A young Ph.D. obtains postdoctoral fellowship training in another country. During her training, the postdoc writes several abstracts to meetings, presents the abstracts, and writes a complete draft of a manuscript.
- When the fellowship training is completed, the postdoc returns to her home country, where she became an Assistant Professor and continued her research project.
- A year or so later, the new assistant professor submitted and published a paper that reported the results from her studies that were done as a postdoc. The published manuscript is the complete draft that she and her postdoctoral mentor wrote, including figures.
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# Case 1

## What should the former mentor do now?

- **A young Ph.D. obtains postdoctoral fellowship training in another country. During her training, the postdoc writes several abstracts to meetings, presents the abstracts, and writes a complete draft of a manuscript.**
- **When the fellowship training is completed, the postdoc returns to her home country, where she became an Assistant Professor and continued her research project.**
- **A year or so later, the new assistant professor submitted and published a paper that reported the results from her studies that were done as a postdoc. The published manuscript is the complete draft that she and her postdoctoral mentor wrote, including figures.**
- **The postdoctoral mentor and others in his laboratory who contributed to the study, and who were co-authors on the original abstracts and complete draft of the manuscript, are not listed as co-authors on the published paper. Nor are the mentor's institutional affiliation or grants acknowledged.**

# Case 1

## Does the former mentor now need to take corrective action?

- A young Ph.D. obtains postdoctoral fellowship training in another country. During her training, the postdoc writes several abstracts to meetings, presents the abstracts, and writes a complete draft of a manuscript.
- When the fellowship training is completed, the postdoc returns to her home country, where she became an Assistant Professor and continued her research project.
- A year or so later, the new assistant professor submitted and published a paper that reported the results from her studies that were done as a postdoc. The published manuscript is the complete draft that she and her postdoctoral mentor wrote, including figures.
- The postdoctoral mentor and others in his laboratory who contributed to the study, and who were co-authors on the original abstracts and complete draft of the manuscript, are not listed as co-authors on the published paper. Nor are the mentor's institutional affiliation or grants acknowledged.

# Case 1

## How should the editor of the journal respond?

- A young Ph.D. obtains postdoctoral fellowship training in another country. During her training, the postdoc writes several abstracts to meetings, presents the abstracts, and writes a complete draft of a manuscript.
- When the fellowship training is completed, the postdoc returns to her home country, where she became an Assistant Professor and continued her research project.
- A year or so later, the new assistant professor submitted and published a paper that reported the results from her studies that were done as a postdoc. The published manuscript is the complete draft that she and her postdoctoral mentor wrote, including figures.
- The postdoctoral mentor and others in his laboratory who contributed to the study, and who were co-authors on the original abstracts and complete draft of the manuscript, are not listed as co-authors on the published paper. Nor are the mentor's institutional affiliation or grants acknowledged.

## Case 2

### What ethical breeches occurred?

- **A reviewer is reading a submitted manuscript and notices a problem with some of the figures. Some of the figures showing control data and other figures of cells are identical to those in other published papers by the same groups of authors.**
- **The reviewer calls the editor who decides to suspend further review, pending resolution of the issue. The editor calls the senior author on the papers, who is an NIH-funded, senior investigator.**

## Case 2

### What should be done next by the editor? Does anyone else need to be involved?

- A reviewer is reading a submitted manuscript and notices a problem with some of the figures. Some of the figures showing control data and other figures of cells are identical to those in other published papers by the same groups of authors.
- The reviewer calls the editor who decides to suspend further review, pending resolution of the issue. The editor calls the senior author on the papers, who is an NIH-funded, senior investigator.
- Formal investigation is made into all of the papers published by the senior investigator's laboratory.
- Many papers are found similarly flawed.
- All of the papers have the same junior investigator as first author and the senior investigator as last author.
- It turns out that the senior investigator's approach to scientific investigation is that he deduces what the biology is regarding his studies and therefore looks for data that supports his deduction.

## Case 2

### Did the senior author act appropriately?

- A reviewer is reading a submitted manuscript and notices a problem with some of the figures. Some of the figures showing control data and other figures of cells are identical to those in other published papers by the same groups of authors.
- The reviewer calls the editor who decides to suspend further review, pending resolution of the issue. The editor calls the senior author on the papers, who is an NIH-funded, senior investigator.
- Formal investigation is made into all of the papers published by the senior investigator's laboratory.
- Many papers are found similarly flawed.
- All of the papers have the same junior investigator as first author and the senior investigator as last author.
- It turns out that the senior investigator's approach to scientific investigation is that he deduces what the biology is regarding his studies and therefore looks for data that supports his deduction.

## Case 2

### Did the junior author act appropriately?

- A reviewer is reading a submitted manuscript and notices a problem with some of the figures. Some of the figures showing control data and other figures of cells are identical to those in other published papers by the same groups of authors.
- The reviewer calls the editor who decides to suspend further review, pending resolution of the issue. The editor calls the senior author on the papers, who is an NIH-funded, senior investigator.
- Formal investigation is made into all of the papers published by the senior investigator's laboratory.
- Many papers are found similarly flawed.
- All of the papers have the same junior investigator as first author and the senior investigator as last author.
- It turns out that the senior investigator's approach to scientific investigation is that he deduces what the biology is regarding his studies and therefore looks for data that supports his deduction.

***Open Forum***

***Muito obrigado!***

