

Research Integrity in Analysis Reporting

Egg producers fund study confirming the health benefits of eggs

“News flash: Eggs are really good for you. This message was brought to you by the American Egg Board.

That’s right – the folks who sell eggs paid for a study that comes to the shocking conclusion that eggs are an ideal breakfast food. They could have just asked people if they liked eating eggs for breakfast.

Instead, they recruited 20 volunteers who were overweight or obese and assigned them to a week of either egg breakfasts or ready-to-eat cereal breakfasts.....”

A journalist -

“An opinion piece is one thing but it's never good in a news story to start with a premise and practice the cognitive dissonance of shaping your story around it. This sort of "news" is unfortunate.

She didn't bother to interview anyone or really talk about the science. The point of her story was about the connection...”

Research Integrity in Analysis Reporting



Accurate representation by media

Accurate understanding by peers



Public opinion about research and researchers



New generation entering science / research

Policies / Public funding

Research Integrity in Analysis Reporting

How to improve the research integrity of meta-analyses and systematic reviews

Dominik Alexander PhD, MSPH,
Exponent, Inc.

Evaluating strengths and weaknesses in current policies for promoting research integrity

Mark S. Frankel, PhD,
American Association for the
Advancement of Science

The role of clinical trial registries

Donald F. Klein, MD,
Columbia University

How to improve the research integrity of meta-analyses and systematic reviews

Dominik Alexander PhD, MSPH,

Senior Managing Scientist, Exponent Engineering & Scientific Consulting

Graduate of UAB, Awarded NCI fellowship for cancer prevention & control

Expertise: Health research methodology & nutritional epidemiology

PI on projects related to nutritional epidemiology, occupational & environmental exposures and cancer outcomes

Evaluating strengths and weaknesses in current policies for promoting research integrity

Mark S. Frankel, PhD,

American Association for the Advancement of Science

Director, Scientific responsibility, Human rights & Law program

Expertise / Interests: Science and policy; research ethics; social responsibilities of scientists; bioethics

Publications: Regulating the Boundaries of Dual-Use Research," *Science*, June 22, 2012.

"The Role of Scientific Societies in Promoting Research Integrity," Special Issue, *Science & Engineering Ethics*, 2003.

The role of clinical trial registries

Donald F. Klein, MD,

Columbia University

Research Psychiatrist, Columbia University

Attending physician, NY Presbyterian Hospital

About 500 publications, books and chapters

Awards

Distinguished Life Fellow, American Psychiatric Association, 2004

Lifetime Achievement Award, Anxiety Disorders Association of America, 2005,

Research Integrity in Analysis Reporting

How to improve the research integrity of meta-analyses and systematic reviews

Dominik Alexander PhD, MSPH,
Exponent, Inc.

Evaluating strengths and weaknesses in current policies for promoting research integrity

Mark S. Frankel, PhD,
American Association for the
Advancement of Science

The role of clinical trial registries

Donald F. Klein, MD,
Columbia University