



**Workshop on International Graduate Students/Post-Docs and
Education in the Responsible Conduct of Research**

**Thursday, March 21 and Friday, March 22, 2019
Barbara and Art Culver Center of the Arts
3834 Main St, Riverside, CA 92501**

Convened by
The Graduate Division
University of California, Riverside
Shaun Bowler, PhD, Dean

Funded by the Department of Health and Human Services
Office of Research Integrity
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EXPERT FACULTY

Melissa S. Anderson, PhD, is professor of higher education and former associate dean of the Graduate School at the University of Minnesota. Her NIH- and NSF-funded research over the past 30 years has been in the areas of research integrity, scientific misconduct, international research collaboration, and academy-industry relations, with particular attention to the research environment. She was principal investigator of a study funded by the NIH on international research collaborations and co-editor, with Nicholas Steneck, of *International Research Collaborations: Much to be Gained, Many Ways to Get in Trouble* (Routledge, 2010). Professor Anderson chaired the Committee on Scientific Freedom and Responsibility of the American Association for the Advancement of Science through its recent development and adoption of the AAAS Statement on Scientific Freedom and Responsibility. She serves on the editorial boards of the *Journal of Empirical Research on Human Research Ethics*, *Research Integrity and Peer Review*, the *International Journal for Research Integrity, and Accountability in Research*. She served as co-chair, with Sabine Kleinert, Senior Executive Editor of *The Lancet*, of the 3rd and 4th World Conferences on Research Integrity and currently serves on the Executive Board of the World Conferences on Research Integrity Foundation.

Elizabeth Heitman, PhD, is Professor in the Program in Ethics n Science and Medicine at the University of Texas Texas Southwestern Medical Center in Dallas, Texas. Her work focuses on cultural aspects of ethics in biomedical science, clinical medicine, and public health, with an emphasis on international standards of research ethics and education in the responsible conduct of research. She has been the PI of research grants on research integrity standards from both NSF and NIH, and has directed or serves as key personnel on research training grants from NIH's Fogarty International Center and the National Heart, Lung, and Blood Institute.

Sergio Litewka, MD, MPH, completed his medical degree at the University of Buenos Aires and his master's in public health at the University of El Salvador, also in Buenos Aires, Argentina. He is a faculty member in the UM Department of Surgery and the director of global bioethics at the University of Miami Institute of Bioethics, a World Health Organization (WHO) on Ethics and Health Policies. As global bioethics director, Dr. Litewka's work focuses on the development of research and education activities with governmental organizations, universities and the private sector on human subject protection and the responsible conduct of research. In Asia, Dr. Litewka is a regular speaker for research integrity topics at Sri Ramachandra University (Chennai, India) and Tokyo University (Tokyo, Japan). From 2005 until 2017, he was also the International Director for the Collaborative Institutional Training Initiative (CITI Program), a web based initiative for research ethics education. During 2011 he served as a member of the International Research Panel at the U.S. Presidential Commission for the Study of Bioethics Issues.

GUEST PRESENTERS

Byron Newberry, PhD, is Professor of Mechanical Engineering at Baylor University, where he is a Baylor Fellow for teaching and former Chair of the Faculty Senate. His teaching includes courses in engineering design, ethics, and sustainability. His research interests include engineering ethics, engineering education, and the philosophy of engineering and technology, and he has conducted NSF-sponsored research in ethics education. Working with collaborators from the U.S, Europe, and Asia, he has co-edited book volumes such as *The Philosophy of Engineering: East and West*, *International Perspectives on Engineering Education*, and *Engineering Identities, Epistemologies, and Values*. He is editor of the Springer book series *Philosophy of Engineering and Technology*, and is a Board Member of the National Institute for Engineering Ethics.

Corinna Raimondo, PhD, is an Adjunct Professor in RCR for the McCormick School of Engineering and a Senior Compliance Specialist for the Office for Research Integrity at Northwestern University. After completing her Ph.D. in Physical Chemistry from the Institut de Science et d'Ingenierie Supramoleculaire of the University of Strasbourg, France, she moved to the US for a postdoc in the Departments of Chemistry and Chemical Engineering at Northwestern University. She then became a Mirzayan Fellow at the National Academies of Engineering, working on the Online Ethics Center and was finally recruited back to Northwestern to work both as an instructor of RCR as well as to facilitate research misconduct proceedings at the University. In addition to the two positions, she co-leads the forensic group for the Association for Research Integrity Officers, a group she created to establish a discourse on executing effective analysis of research data, share practices and encourage methodological innovation in research misconduct investigations.

THURSDAY, MARCH 21

PART 1:

Professional development is critical for all trainees, and education in the responsible conduct of research (RCR) is a part of professional development.

8:00 am Lite breakfast

8:30 -8:45 **Welcome and Introductions**

*Shaun Bowler, Ph.D.
Distinguished Professor & Dean of the Graduate Division
University of California Riverside*

8:45 -9:30 **Presentation: Education in the Responsible Conduct of Research and the University's Mission**

*Elizabeth Heitman, Ph.D.
Professor, Program in Ethics in Science and Medicine
UT Southwestern Medical Center*

9:35-10:00 **Group Discussion: RCR education on the UC campuses**

10:00 - 10:15 **Break**

PART 2:

All trainees need education in RCR, and international students may have particular needs with respect to RCR education.

10:15-10:45 **Presentation: Three real scenarios featuring international trainees in the US**

*Corinna Raimondo, Ph.D.
Adjunct Professor in RCR for the McCormick School of Engineering and
Senior Compliance Specialist for the Office for Research Integrity
Northwestern University*

10:45 -11:45 **Discussion: Orientation to graduate school and fellowship: How new a world?**

11:45- noon **Break**

- 12:00 -1:00 **Working Lunch**
- 1:00-1:30 **Presentation: An Overview on Global Research Integrity Models**
Sergio Litewka M.D., M.P.H.
Director, Global Bioethics, Institute for Bioethics and Health Policy
Associate Research Professor, DeWitt Daughtry Family Department of Surgery
University of Miami Leonard M. Miller School of Medicine
- 1:30-2:00 **Presentation: Tailoring RCR Education to the Needs of International Trainees: Key Issues for a Multinational Audience**
Elizabeth Heitman, Ph.D.
- 2:00 -2:30 **Discussion: RCR education and the Singapore Statement on Research Integrity**
- 2:30-2:45 **Break**
- 2:45-3:15 **Presentation: Designing Engineering Ethics Educational Modules for International Trainees: A Case Study**
Byron Newberry, Ph.D.
Professor of Mechanical Engineering
Baylor University
- 3:15-4:15 **Discussion: Developing curricula for UC's trainees: Can one size fit most?**
- 4:15-4:30 **Wrap up**

FRIDAY, MARCH 22

<p>PART 3: Institutional action.</p>

8:00 Lite breakfast

8:30-9:00 **Welcome and Recap of Previous Day**

Shaun Bowler, Ph.D.

Melissa S. Anderson, Ph.D.

*Professor of Higher Education and Director of Graduate Studies
Department of Organizational Leadership, Policy and Development
University of Minnesota*

9:00-9:45 **Commentary**

Shaun Bowler and participants

9:45 – 10:00 **Break**

10:00-10:45 **Discussion in Campus-Based Groups:** *Current local successes/ challenges in RCR education for international trainees*

10:45-11:30 **Group Reports**

11:30 – 11:45 **Break**

11:45-12:45 **Working Lunch**

12:45-1:15 **Conclusions from Lunch Discussions**

1:15-2:00 **Discussion with Panel**

Elizabeth Heitman

Sergio Litewka

Melissa Anderson

2:15-2:45 **Commentary / Next Steps**

Lourdes DeMattos

Associate Director, Research Policy Analysis and Coordination

University of California Office of the President

Shaun Bowler, PhD