

Faculty of Medicine
Responsible Conduct of Research (RCR) Course for Graduate Students

Dates/Times for 2012/13 Course:

Dec 13th, 8:30 AM – 4:30 PM, Life Sciences Institute

Feb 19th and 20th, 12:30 – 4:30, Diamond Health Care Centre (Laurel St @ W. 12th)

June 4th and 5th, 8:30 – 12:30 Life Sciences Institute

Current Syllabus:

| Day 1 morning or afternoon; Full day morning | | |
|---|--|------------------------|
| 10 min | Registration and pre-course knowledge survey | |
| 10 min | Introduction <ul style="list-style-type: none"> • Why do we have this course? • What do we hope to achieve? • Requirements | S. Porter |
| 50 min | AAAS Video: <i>Noah's Dilemma</i> Data inclusion/exclusion, pressures to publish, mentorship | |
| 15 min | Whole group discussion | All, including faculty |
| 45 min | Ethical Decision-Making <ul style="list-style-type: none"> • Role of science in society • Ethical pressure points and mitigating strategies • What is ethics? • Framework for ethical decision-making | S. Porter |
| 15 min | Break and distribution of cases <ol style="list-style-type: none"> 1. Dr. Leanne Liu: Use of human tissues, authorship 2. Dr. Cheryl Carleton: Sharing of published reagents 3. Tony and Jan: mentorship, management, misconduct | |
| 45 min | Data <ul style="list-style-type: none"> • Pressures to short-circuit integrity, conflicting interests Responsible conduct in: <ul style="list-style-type: none"> • Obtaining data – experimental design, materials, etc • Recording data – laboratory notebooks • Analyzing and reporting data – dealing with outliers, statistical analysis, graphs and images, interpretation • Data ownership and sharing – policies and norms, confidentiality, tenets of sharing materials and data | S. Porter |
| 30 min | Small Group Discussion of Cases | All |
| 25 min | Large group review | All |
| 5 min | Case distribution (to review overnight) <ol style="list-style-type: none"> 1. Karen Klein: Industry-university relationship, mentoring, COI 2. Dr. Diane Archer: peer review, plagiarism, whistleblowing 3. Dr. Arun Patel: collaboration issues, authorship, pre-publication publicity | |

| Day 2 morning or afternoon; full day afternoon | | |
|---|--|--------------------------|
| 40 min | Small group discussion of homework cases | All |
| 30 min | Large group review | All |
| 20 min | Conflict of Interest <ul style="list-style-type: none"> • COI definition, examples and management | J. Brinkman |
| 15 min | Break | |
| 50 min | Research on Human Subjects | K. Bell and J. Toward |
| 25 min | Publication <ul style="list-style-type: none"> • Criteria of authorship, when to publish, responsible writing, analysis, and citing • Peer review – confidentiality, duties | J. Brinkman |
| 15 min | Large group review of pre-course survey | All |
| 15 min | Course evaluation | |

Faculty

Susan Porter, PhD
 Dean *pro tem*, UBC Faculty of Graduate Studies
 Clinical Professor, Pathology and Laboratory Medicine

Jacqui Brinkman, MSc
 Manager, Graduate Pathways to Success Program
 UBC Faculty of Graduate Studies

Kirsten Bell, PhD
 Part-time Research Ethics Analyst, Office of Research Ethics
 University of British Columbia

Jeffrey Toward, PhD
 Continuing Review Manager, Office of Research Ethics
 University of British Columbia